WEBVTT

NOTE duration:"00:57:11"

NOTE recognizability:0.796

NOTE language:en-us

NOTE Confidence: 0.815167712857143

00:00:00.000 --> 00:00:05.495 Welcome to the Yale Ash 2021 highlights.

NOTE Confidence: 0.815167712857143

00:00:05.500 --> 00:00:06.690 My name is Bob Bone.

NOTE Confidence: 0.815167712857143

00:00:06.690 --> 00:00:09.049 I'm one of the hematologist at Yale,

NOTE Confidence: 0.815167712857143

00:00:09.050 --> 00:00:11.175 and I'm happy to facilitate

NOTE Confidence: 0.815167712857143

00:00:11.175 --> 00:00:12.450 this session today.

NOTE Confidence: 0.815167712857143

00:00:12.450 --> 00:00:15.672 As we are focusing on some of the important

NOTE Confidence: 0.815167712857143

00:00:15.672 --> 00:00:18.541 abstracts from the previous ash meeting

NOTE Confidence: 0.815167712857143

00:00:18.541 --> 00:00:20.976 relating relating to classical hematology.

NOTE Confidence: 0.815167712857143

00:00:20.980 --> 00:00:23.732 And today we have 3 presenters who will

NOTE Confidence: 0.815167712857143

00:00:23.732 --> 00:00:26.538 each present abstracts for about 15 minutes.

NOTE Confidence: 0.815167712857143

00:00:26.540 --> 00:00:28.640 We'll take questions at the end of the

NOTE Confidence: 0.815167712857143

00:00:28.640 --> 00:00:30.203 session and they should be entered

NOTE Confidence: 0.815167712857143

00:00:30.203 --> 00:00:32.145 into the chat room or to the Q&A.

NOTE Confidence: 0.815167712857143

00:00:32.145 --> 00:00:34.700 Before we start, let me take a

NOTE Confidence: 0.815167712857143

00:00:34.700 --> 00:00:37.549 moment to introduce our presenters.

NOTE Confidence: 0.815167712857143

00:00:37.550 --> 00:00:38.738 First Kelsey Martin,

NOTE Confidence: 0.815167712857143

00:00:38.738 --> 00:00:41.510 who is an assistant professor in clinical

NOTE Confidence: 0.815167712857143

00:00:41.581 --> 00:00:44.136 medicine at the Yale School of Medicine,

NOTE Confidence: 0.815167712857143

00:00:44.140 --> 00:00:46.095 and she practices hematology oncology

NOTE Confidence: 0.815167712857143

00:00:46.095 --> 00:00:49.299 at the Orange Care Center and has a

NOTE Confidence: 0.815167712857143

00:00:49.299 --> 00:00:51.274 special interest in classical hematology,

NOTE Confidence: 0.815167712857143

00:00:51.280 --> 00:00:53.040 and particularly the intersection

NOTE Confidence: 0.815167712857143

00:00:53.040 --> 00:00:55.284 of obstetrical care and hematology.

NOTE Confidence: 0.815167712857143

00:00:55.284 --> 00:00:58.056 Doctor Sudhanshu Mulay who is the

NOTE Confidence: 0.815167712857143

00:00:58.056 --> 00:01:00.467 medical director of the anticoagulation

NOTE Confidence: 0.815167712857143

00:01:00.467 --> 00:01:02.812 clinic at Saint Francis Hospital

NOTE Confidence: 0.815167712857143

00:01:02.812 --> 00:01:05.582 and Medical Center and he also has

NOTE Confidence: 0.815167712857143

00:01:05.582 --> 00:01:07.247 a strong interest in classical

NOTE Confidence: 0.815167712857143

00:01:07.247 --> 00:01:09.100 hematology and transfusion medicine.

NOTE Confidence: 0.815167712857143

00:01:09.100 --> 00:01:11.056 He's an assistant professor of medicine

NOTE Confidence: 0.815167712857143

00:01:11.056 --> 00:01:13.070 at the University of Connecticut.

NOTE Confidence: 0.815167712857143

00:01:13.070 --> 00:01:15.608 And then finally Doctor Alex Pine,

NOTE Confidence: 0.815167712857143

00:01:15.610 --> 00:01:18.185 who's assistant professor of medicine

NOTE Confidence: 0.815167712857143

00:01:18.185 --> 00:01:22.300 and hematology at the VA Medical Center.

NOTE Confidence: 0.815167712857143

00:01:22.300 --> 00:01:24.256 He and his colleagues have done

NOTE Confidence: 0.815167712857143

00:01:24.256 --> 00:01:26.479 significant work over the past few years,

NOTE Confidence: 0.815167712857143

00:01:26.480 --> 00:01:29.604 detailing the mechanisms of

NOTE Confidence: 0.815167712857143

00:01:29.604 --> 00:01:31.166 COVID Coagulopathy.

NOTE Confidence: 0.815167712857143

00:01:31.170 --> 00:01:32.630 So without further ado,

NOTE Confidence: 0.815167712857143

00:01:32.630 --> 00:01:34.455 I'll introduce Doctor Martin and

NOTE Confidence: 0.815167712857143

00:01:34.455 --> 00:01:36.589 let her begin the presentations.

NOTE Confidence: 0.819575348

00:01:40.080 --> 00:01:41.190 Great, thank you so much.

NOTE Confidence: 0.864340405714286

00:01:52.480 --> 00:01:53.902 Good afternoon everyone.

NOTE Confidence: 0.864340405714286

00:01:53.902 --> 00:01:56.696 Is my volume OK? Correct, alright,

NOTE Confidence: 0.864340405714286

00:01:56.696 --> 00:01:59.832 I'm going to be discussing A3 abstracts

NOTE Confidence: 0.864340405714286

00:01:59.832 --> 00:02:01.848 relating to bleeding disorders.

NOTE Confidence: 0.7091463225

00:02:04.190 --> 00:02:06.932 First, abstract is titled efficacy and

NOTE Confidence: 0.7091463225

00:02:06.932 --> 00:02:10.309 safety of the two Serin prophylaxis,

NOTE Confidence: 0.7091463225

00:02:10.310 --> 00:02:12.700 a small molecule RNA interference

NOTE Confidence: 0.7091463225

00:02:12.700 --> 00:02:15.090 therapeutic in a multicenter phase.

NOTE Confidence: 0.7091463225

00:02:15.090 --> 00:02:18.600 Three study called Atlas I NH in people

NOTE Confidence: 0.7091463225

00:02:18.600 --> 00:02:21.645 with hemophilia A or B with inhibitors.

NOTE Confidence: 0.7091463225

00:02:21.650 --> 00:02:24.188 This was presented at the plenary

NOTE Confidence: 0.7091463225

00:02:24.188 --> 00:02:26.430 scientific session by Doctor Gayoung

NOTE Confidence: 0.7091463225

00:02:26.430 --> 00:02:28.360 from University of Southern California.

NOTE Confidence: 0.919775992

00:02:31.120 --> 00:02:32.880 1st, I'll provide some background.

NOTE Confidence: 0.919775992

00:02:32.880 --> 00:02:35.040 Hemophilia A&B are rare bleeding

NOTE Confidence: 0.919775992

00:02:35.040 --> 00:02:36.768 disorders that are characterized

NOTE Confidence: 0.919775992

00:02:36.768 --> 00:02:38.980 by ineffective clot formation,

NOTE Confidence: 0.919775992

00:02:38.980 --> 00:02:41.038 largely due to impaired thrombin generation.

NOTE Confidence: 0.919775992

00:02:41.040 --> 00:02:43.405 As a result of severe

NOTE Confidence: 0.919775992

00:02:43.405 --> 00:02:46.070 deficiency of factor 8 and 9.

NOTE Confidence: 0.919775992

00:02:46.070 --> 00:02:48.632 Currently our standard of care largely

NOTE Confidence: 0.919775992

00:02:48.632 --> 00:02:51.449 relies on replacing the missing factor.

NOTE Confidence: 0.919775992

00:02:51.450 --> 00:02:53.704 There is a high rate of development

NOTE Confidence: 0.919775992

00:02:53.704 --> 00:02:55.379 of anti factor inhibitors which

NOTE Confidence: 0.919775992

00:02:55.379 --> 00:02:58.274 is up to about 30% in some of our

NOTE Confidence: 0.919775992

00:02:58.274 --> 00:03:00.200 patients with hemophilia A and about

NOTE Confidence: 0.919775992

00:03:00.264 --> 00:03:02.220 5% of the patients with hemophilia B.

NOTE Confidence: 0.734905561428571

00:03:04.640 --> 00:03:06.146 Subcutaneous fat isran

NOTE Confidence: 0.734905561428571

00:03:06.146 --> 00:03:08.154 is a novel therapeutic.

NOTE Confidence: 0.734905561428571

00:03:08.160 --> 00:03:10.815 It's a small molecule RNA

NOTE Confidence: 0.734905561428571

00:03:10.815 --> 00:03:12.536 interference therapeutic that acts

NOTE Confidence: 0.734905561428571

00:03:12.536 --> 00:03:14.832 by binding and degrading at the M

NOTE Confidence: 0.734905561428571

00:03:14.832 --> 00:03:17.398 RNA which encodes for antithrombin,

NOTE Confidence: 0.734905561428571

00:03:17.400 --> 00:03:19.413 thereby partially silencing

NOTE Confidence: 0.734905561428571

00:03:19.413 --> 00:03:22.097 the expression of antithrombin.

NOTE Confidence: 0.734905561428571

00:03:22.100 --> 00:03:24.220 This rebalances hemostasis and

NOTE Confidence: 0.734905561428571

00:03:24.220 --> 00:03:26.340 restores thrombin generation in

NOTE Confidence: 0.734905561428571

00:03:26.340 --> 00:03:28.672 patients with hemophilia or A

NOTE Confidence: 0.734905561428571

00:03:28.672 --> 00:03:31.060 and has been demonstrated to be

NOTE Confidence: 0.734905561428571

00:03:31.060 --> 00:03:33.233 effective in patients with or

NOTE Confidence: 0.734905561428571

00:03:33.233 --> 00:03:35.363 without inhibitors as I'll discuss.

NOTE Confidence: 0.734905561428571

00:03:35.370 --> 00:03:37.090 This study demonstrated that

NOTE Confidence: 0.734905561428571

00:03:37.090 --> 00:03:39.240 prophylactic use of the two

NOTE Confidence: 0.734905561428571

00:03:39.240 --> 00:03:41.032 strands significantly reduced

NOTE Confidence: 0.734905561428571

00:03:41.032 --> 00:03:42.967 annualized bleeding rates,

NOTE Confidence: 0.734905561428571

00:03:42.970 --> 00:03:44.446 which is essentially bleeding

NOTE Confidence: 0.734905561428571

00:03:44.446 --> 00:03:46.660 events on an annual basis in

NOTE Confidence: 0.734905561428571

00:03:46.731 --> 00:03:48.766 patients with hemophilia A or

NOTE Confidence: 0.734905561428571

00:03:48.766 --> 00:03:50.801 hemophilia B that have inhibitors,

NOTE Confidence: 0.734905561428571

00:03:50.810 --> 00:03:53.578 and demonstrated both efficacy

NOTE Confidence: 0.734905561428571

00:03:53.578 --> 00:03:55.654 and safety data.

NOTE Confidence: 0.734905561428571

00:03:55.660 --> 00:03:56.812 In this study,

NOTE Confidence: 0.734905561428571

00:03:56.812 --> 00:03:58.348 57 patients were randomized,

NOTE Confidence: 0.734905561428571

00:03:58.350 --> 00:04:00.030 2 to one in an open label phase.

NOTE Confidence: 0.734905561428571

00:04:00.030 --> 00:04:01.930 Three trial patients were

NOTE Confidence: 0.734905561428571

00:04:01.930 --> 00:04:04.780 males over the age of 12,

NOTE Confidence: 0.734905561428571

00:04:04.780 --> 00:04:06.796 again with either hemophilia A or B,

NOTE Confidence: 0.734905561428571

00:04:06.800 --> 00:04:07.868 with with inhibitors,

NOTE Confidence: 0.734905561428571

00:04:07.868 --> 00:04:09.648 and these were patients that

NOTE Confidence: 0.734905561428571

00:04:09.648 --> 00:04:11.770 had been receiving on demand

NOTE Confidence: 0.734905561428571

00:04:11.770 --> 00:04:13.558 treatment with bypassing agents

NOTE Confidence: 0.734905561428571

00:04:13.558 --> 00:04:15.510 for Blake breakthrough bleeding.

NOTE Confidence: 0.761360574285714

00:04:17.560 --> 00:04:20.105 There was 38 patients in the phase, two

NOTE Confidence: 0.761360574285714

00:04:20.105 --> 00:04:22.225 Syrian group and the dosing of this medic.

NOTE Confidence: 0.761360574285714

00:04:22.230 --> 00:04:24.258 This is a subcutaneous therapy that

NOTE Confidence: 0.761360574285714

00:04:24.258 --> 00:04:26.826 was given at 80 milligrams once a

NOTE Confidence: 0.761360574285714

00:04:26.826 --> 00:04:29.550 month versus 19 patients in the

NOTE Confidence: 0.761360574285714

00:04:29.550 --> 00:04:31.890 on demand bypassing Agent Group.

NOTE Confidence: 0.761360574285714

00:04:31.890 --> 00:04:32.766 They were followed.

NOTE Confidence: 0.761360574285714

00:04:32.766 --> 00:04:34.810 The primary endpoint was looking at annual

NOTE Confidence: 0.761360574285714

00:04:34.864 --> 00:04:36.610 bleeding rate in the efficacy period,

NOTE Confidence: 0.761360574285714

00:04:36.610 --> 00:04:39.718 which was nine months.

NOTE Confidence: 0.761360574285714

00:04:39.720 --> 00:04:41.936 Secondary endpoints looked at

NOTE Confidence: 0.761360574285714

00:04:41.936 --> 00:04:43.598 spontaneous bleeding rates,

NOTE Confidence: 0.761360574285714

00:04:43.600 --> 00:04:44.616 joints, bleeds,

NOTE Confidence: 0.761360574285714

00:04:44.616 --> 00:04:46.648 quality of life metrics,

NOTE Confidence: 0.761360574285714

00:04:46.650 --> 00:04:50.332 which by a validated quality of life

NOTE Confidence: 0.761360574285714

00:04:50.332 --> 00:04:52.780 tool and also frequency of the bleeding

NOTE Confidence: 0.761360574285714

00:04:52.780 --> 00:04:55.019 episodes that happened in the onset period,

NOTE Confidence: 0.761360574285714

00:04:55.020 --> 00:04:57.020 which was the first month of therapy as

NOTE Confidence: 0.761360574285714

00:04:57.020 --> 00:04:59.120 well as safety and tolerability data.

NOTE Confidence: 0.838069712142857

00:05:03.390 --> 00:05:04.925 And and this was demonstrated

NOTE Confidence: 0.838069712142857

00:05:04.925 --> 00:05:06.153 to be extremely effective

NOTE Confidence: 0.838069712142857

00:05:06.153 --> 00:05:07.790 in the future and patients.

NOTE Confidence: 0.838069712142857

00:05:07.790 --> 00:05:10.094 So you can see here on this first

NOTE Confidence: 0.838069712142857

00:05:10.094 --> 00:05:12.046 line the median annual annualized

NOTE Confidence: 0.838069712142857

00:05:12.046 --> 00:05:14.116 bleeding rate was actually 0.

NOTE Confidence: 0.929359116

00:05:17.030 --> 00:05:21.046 The estimated rate was 1.7 versus

NOTE Confidence: 0.929359116

00:05:21.046 --> 00:05:23.476 in the bypassing agent group.

NOTE Confidence: 0.929359116

00:05:23.480 --> 00:05:28.260 The median annualized bleeding rate was 16.8.

NOTE Confidence: 0.929359116

00:05:28.260 --> 00:05:30.534 And there was actually the median

NOTE Confidence: 0.929359116

00:05:30.534 --> 00:05:32.443 for spontaneous bleeds with zero

NOTE Confidence: 0.929359116

00:05:32.443 --> 00:05:34.098 in the future and category.

NOTE Confidence: 0.929359116

00:05:34.100 --> 00:05:35.908 There was also demonstration

NOTE Confidence: 0.929359116

00:05:35.908 --> 00:05:38.168 of significant quality of life

NOTE Confidence: 0.929359116

00:05:38.168 --> 00:05:40.054 improvements based on the validated

NOTE Confidence: 0.929359116

00:05:40.054 --> 00:05:41.870 quality of life screening tool.

NOTE Confidence: 0.93286991

00:05:44.310 --> 00:05:46.890 And it was effective in both

NOTE Confidence: 0.93286991

00:05:46.890 --> 00:05:49.140 patients with hemophilia A and

NOTE Confidence: 0.93286991

00:05:49.140 --> 00:05:51.355 in patients with hemophilia B.

NOTE Confidence: 0.93286991

00:05:51.360 --> 00:05:54.930 And we can see that 29 patients.

NOTE Confidence: 0.93286991

00:05:54.930 --> 00:05:56.898 And we received for two strand

NOTE Confidence: 0.93286991

00:05:56.898 --> 00:05:58.800 in the hemophilia A category

NOTE Confidence: 0.93286991

00:05:58.800 --> 00:06:00.645 and nine patients received it

NOTE Confidence: 0.93286991

00:06:00.645 --> 00:06:02.490 in the hemophilia B category.

NOTE Confidence: 0.93286991

00:06:02.490 --> 00:06:05.178 And again this is compared with

NOTE Confidence: 0.93286991

00:06:05.178 --> 00:06:07.138 the second second line here.

NOTE Confidence: 0.93286991

00:06:07.138 --> 00:06:09.023 But patient to receive that

NOTE Confidence: 0.93286991

00:06:09.023 --> 00:06:10.652 bypassing agent only with a

NOTE Confidence: 0.93286991

00:06:10.652 --> 00:06:11.816 very significant P value.

NOTE Confidence: 0.836984533333333

00:06:15.280 --> 00:06:17.980 Overall, the agent was well tolerated,

NOTE Confidence: 0.836984533333333

00:06:17.980 --> 00:06:21.436 although the main side effect of

NOTE Confidence: 0.836984533333333

00:06:21.436 --> 00:06:24.460 special interest was thrombotic events.

NOTE Confidence: 0.836984533333333

00:06:24.460 --> 00:06:29.230 Uhm? There was no deaths of any

NOTE Confidence: 0.836984533333333

00:06:29.230 --> 00:06:31.779 kind in either group of note.

NOTE Confidence: 0.836984533333333

00:06:31.780 --> 00:06:34.398 Of the patients that had thrombotic events,

NOTE Confidence: 0.836984533333333

00:06:34.400 --> 00:06:35.990 the authors reported that that

NOTE Confidence: 0.836984533333333

00:06:35.990 --> 00:06:37.580 occurred in some patients that

NOTE Confidence: 0.836984533333333

00:06:37.638 --> 00:06:39.073 seemed to have the antithrombin

NOTE Confidence: 0.836984533333333

00:06:39.073 --> 00:06:41.172 levels at the lower end of the range

NOTE Confidence: 0.836984533333333

00:06:41.172 --> 00:06:43.266 and seen some as low as 10 to 20%,

NOTE Confidence: 0.836984533333333

00:06:43.266 --> 00:06:45.930 and which is what they attributed to and

NOTE Confidence: 0.836984533333333

00:06:46.003 --> 00:06:48.614 only one patient who had a thrombotic

NOTE Confidence: 0.836984533333333

00:06:48.614 --> 00:06:50.290 event ended up coming off study,

NOTE Confidence: 0.836984533333333

00:06:50.290 --> 00:06:53.314 and this was a patient who had

NOTE Confidence: 0.836984533333333

00:06:53.314 --> 00:06:56.030 a thrombosis in a spinal vein.

NOTE Confidence: 0.836984533333333

00:06:56.030 --> 00:06:58.770 Other side effects were increases

NOTE Confidence: 0.836984533333333

00:06:58.770 --> 00:06:59.866 in transaminases,

NOTE Confidence: 0.836984533333333

00:06:59.870 --> 00:07:01.998 but the authors reported that this did not

NOTE Confidence: 0.836984533333333

00:07:01.998 --> 00:07:03.987 impact any of the treatment scheduling,

NOTE Confidence: 0.836984533333333

00:07:03.990 --> 00:07:06.312 and no patients had to come off trial for

NOTE Confidence: 0.836984533333333

00:07:06.312 --> 00:07:08.590 any changes in hepatic enzyme changes.

NOTE Confidence: 0.970921658

00:07:13.540 --> 00:07:16.640 So the conclusions were that the two

NOTE Confidence: 0.970921658

00:07:16.640 --> 00:07:18.840 Serin had significant improvements

NOTE Confidence: 0.970921658

00:07:18.840 --> 00:07:21.342 in the treatment arm compared with

NOTE Confidence: 0.970921658

00:07:21.342 --> 00:07:23.590 the on demand bypassing agents.

NOTE Confidence: 0.970921658

00:07:23.590 --> 00:07:25.638 And this is seen as somewhat of a

NOTE Confidence: 0.970921658

00:07:25.638 --> 00:07:27.870 game changer in the sense that it's

NOTE Confidence: 0.970921658

00:07:27.870 --> 00:07:29.202 given monthly and subcutaneous,

NOTE Confidence: 0.970921658

00:07:29.210 --> 00:07:31.172 which is a tremendous change in

NOTE Confidence: 0.970921658

00:07:31.172 --> 00:07:32.980 compared to the current standard

NOTE Confidence: 0.970921658

00:07:32.980 --> 00:07:35.180 of practice where patients are

NOTE Confidence: 0.970921658

00:07:35.180 --> 00:07:36.940 needing intravenous therapies and.

NOTE Confidence: 0.970921658

00:07:36.940 --> 00:07:40.050 In a much higher frequency.

NOTE Confidence: 0.970921658

00:07:40.050 --> 00:07:42.269 Nearly 2/3 of the patients treated with

NOTE Confidence: 0.970921658

00:07:42.269 --> 00:07:44.390 fattoush Rand had zero treated bleeds,

NOTE Confidence: 0.970921658

00:07:44.390 --> 00:07:46.355 and the mean median annualized

NOTE Confidence: 0.970921658

00:07:46.355 --> 00:07:47.927 bleeding rate was zero.

NOTE Confidence: 0.970921658

00:07:47.930 --> 00:07:48.920 And of note,

NOTE Confidence: 0.970921658

00:07:48.920 --> 00:07:50.900 this is also efficacious in both

NOTE Confidence: 0.970921658

00:07:50.900 --> 00:07:52.890 patients with hemophilia and hemophilia

NOTE Confidence: 0.970921658

00:07:52.890 --> 00:07:55.278 B and its patients with hemophilia

NOTE Confidence: 0.970921658

00:07:55.339 --> 00:07:57.326 B have really had not had similar

NOTE Confidence: 0.970921658

00:07:57.326 --> 00:07:58.694 prophylactic similar prophylactic

NOTE Confidence: 0.970921658

00:07:58.694 --> 00:08:01.430 options as our hemophilia A patients.

NOTE Confidence: 0.970921658

00:08:01.430 --> 00:08:05.382 So creating a new sort of treatment

NOTE Confidence: 0.970921658

00:08:05.382 --> 00:08:07.265 approach 7 patients in the treatment

NOTE Confidence: 0.970921658

00:08:07.265 --> 00:08:09.629 arm had at least one adverse event,

NOTE Confidence: 0.970921658

00:08:09.630 --> 00:08:09.911 including.

NOTE Confidence: 0.970921658

00:08:09.911 --> 00:08:11.316 The four thrombotic events and

NOTE Confidence: 0.970921658

00:08:11.316 --> 00:08:13.068 one of those patients did require

NOTE Confidence: 0.970921658

00:08:13.068 --> 00:08:14.228 withdrawal from this study.

NOTE Confidence: 0.91085635625

00:08:17.910 --> 00:08:19.070 That concludes my discussion

NOTE Confidence: 0.91085635625

00:08:19.070 --> 00:08:20.230 in the first abstract,

NOTE Confidence: 0.91085635625

00:08:20.230 --> 00:08:21.770 and I'll move on to the second.

NOTE Confidence: 0.91085635625

00:08:21.770 --> 00:08:23.760 The second abstract was titled

NOTE Confidence: 0.91085635625

00:08:23.760 --> 00:08:25.750 rate of prolonged response after

NOTE Confidence: 0.91085635625

00:08:25.819 --> 00:08:27.583 stopping THROMBOPOIETIN receptor

NOTE Confidence: 0.91085635625

00:08:27.583 --> 00:08:29.935 agonist treatment in primary

NOTE Confidence: 0.91085635625

00:08:29.935 --> 00:08:31.699 immune thrombocytopenia results

NOTE Confidence: 0.91085635625

00:08:31.765 --> 00:08:34.041 from a nationwide prospective

NOTE Confidence: 0.91085635625

00:08:34.041 --> 00:08:35.748 multicenter interventional study.

NOTE Confidence: 0.91085635625

00:08:35.750 --> 00:08:36.956 And this was out of France.

NOTE Confidence: 0.848894783

00:08:43.470 --> 00:08:44.709 Some background information.

NOTE Confidence: 0.848894783

00:08:44.709 --> 00:08:46.361 There's been several retrospective

NOTE Confidence: 0.848894783

00:08:46.361 --> 00:08:48.469 studies and a recent prospective

NOTE Confidence: 0.848894783

00:08:48.469 --> 00:08:50.504 study that reported unexpected cases

NOTE Confidence: 0.848894783

00:08:50.504 --> 00:08:52.504 of durable remission after TPO

NOTE Confidence: 0.848894783

00:08:52.504 --> 00:08:53.940 receptor agonist were discontinued

NOTE Confidence: 0.848894783

00:08:53.940 --> 00:08:55.631 in adult patients with ITP.

NOTE Confidence: 0.848894783

00:08:55.631 --> 00:08:57.639 This has been seen in up to up

NOTE Confidence: 0.848894783

00:08:57.639 --> 00:09:00.365 to 30% of these patients.

NOTE Confidence: 0.848894783

00:09:00.365 --> 00:09:02.834 However, it felt that perhaps some of

NOTE Confidence: 0.848894783

00:09:02.834 --> 00:09:05.287 the newly diagnosed ITP cases in which

NOTE Confidence: 0.848894783

00:09:05.287 --> 00:09:06.939 such spontaneous remissions occurred,

NOTE Confidence: 0.848894783

00:09:06.940 --> 00:09:08.245 may may have been included

NOTE Confidence: 0.848894783

00:09:08.245 --> 00:09:09.550 in most of these studies.

NOTE Confidence: 0.90684127

00:09:11.990 --> 00:09:14.838 So the question this study has is what

NOTE Confidence: 0.90684127

00:09:14.838 --> 00:09:16.959 proportion of patients with either

NOTE Confidence: 0.90684127

00:09:16.959 --> 00:09:20.036 persistent or chronic phase ITP and no

NOTE Confidence: 0.90684127

00:09:20.036 --> 00:09:22.574 recent exposure to any potentially curative

NOTE Confidence: 0.90684127

00:09:22.574 --> 00:09:25.369 therapy such as splenectomy or rituximab,

NOTE Confidence: 0.90684127

00:09:25.370 --> 00:09:28.172 achieve a long term remission off

NOTE Confidence: 0.90684127

00:09:28.172 --> 00:09:31.238 treatment at 24 weeks and 52 weeks.

NOTE Confidence: 0.90684127

00:09:31.240 --> 00:09:33.347 After having on at least three months

NOTE Confidence: 0.90684127

00:09:33.347 --> 00:09:35.879 of their TPO receptor agonist exposure,

NOTE Confidence: 0.90684127

00:09:35.880 --> 00:09:38.400 who had a complete response

NOTE Confidence: 0.90684127

00:09:38.400 --> 00:09:39.441 and persistent phase,

NOTE Confidence: 0.90684127

00:09:39.441 --> 00:09:41.870 ITP is is defined as those with

NOTE Confidence: 0.90684127

00:09:41.943 --> 00:09:43.779 ITP between 3 and 12 months,

NOTE Confidence: 0.90684127

00:09:43.780 --> 00:09:48.456 whereas chronic phases lasting for beyond 12.

NOTE Confidence: 0.90684127

00:09:48.460 --> 00:09:50.590 Months, so the inclusion criteria.

NOTE Confidence: 0.90684127

00:09:50.590 --> 00:09:53.355 So again, this was a nationwide prospective

NOTE Confidence: 0.90684127

00:09:53.355 --> 00:09:54.540 multicenter interventional study.

NOTE Confidence: 0.90684127

00:09:54.540 --> 00:09:56.120 The inclusion criteria included

NOTE Confidence: 0.90684127

00:09:56.120 --> 00:09:59.439 patients over the age of 18 with either

NOTE Confidence: 0.90684127

00:09:59.439 --> 00:10:01.639 persistent or chronic primary ITP.

NOTE Confidence: 0.90684127

00:10:01.640 --> 00:10:03.632 They needed to have a stable

NOTE Confidence: 0.90684127

00:10:03.632 --> 00:10:04.296 complete response,

NOTE Confidence: 0.90684127

00:10:04.300 --> 00:10:05.704 which was defined as a platelet

NOTE Confidence: 0.90684127

00:10:05.704 --> 00:10:07.855 count of more than 100,000 for more

NOTE Confidence: 0.90684127

00:10:07.855 --> 00:10:10.690 than two months on their on their

NOTE Confidence: 0.90684127

00:10:10.775 --> 00:10:13.190 TPO RA therapy and they needed to

NOTE Confidence: 0.90684127

00:10:13.190 --> 00:10:15.110 have been on treatment with their

NOTE Confidence: 0.90684127

00:10:15.176 --> 00:10:17.206 TPO RA for at least three months.

NOTE Confidence: 0.90684127

00:10:17.210 --> 00:10:18.938 Exclusion criteria was patients

NOTE Confidence: 0.90684127

00:10:18.938 --> 00:10:21.098 who are on either anticoagulation

NOTE Confidence: 0.90684127

00:10:21.098 --> 00:10:22.939 or antiplatelet therapy.

NOTE Confidence: 0.90684127

00:10:22.940 --> 00:10:25.257 A patient who had previously failed the

NOTE Confidence: 0.90684127

00:10:25.260 --> 00:10:28.046 TPRA agent and the patient could not

NOTE Confidence: 0.90684127

00:10:28.046 --> 00:10:30.219 have been receiving any concomitant

NOTE Confidence: 0.90684127

00:10:30.219 --> 00:10:32.937 steroid or cortico steroid or IVIG,

NOTE Confidence: 0.90684127

00:10:32.940 --> 00:10:34.580 and they could not have had Rituxan mab,

NOTE Confidence: 0.90684127

00:10:34.580 --> 00:10:36.415 nor splenectomy within either the

NOTE Confidence: 0.90684127

00:10:36.415 --> 00:10:38.250 two months preceding or after

NOTE Confidence: 0.90684127

00:10:38.313 --> 00:10:40.525 initiation of their TPO or RA therapy.

NOTE Confidence: 0.932198718333333

00:10:43.320 --> 00:10:45.936 And the patients underwent a progressive

NOTE Confidence: 0.932198718333333

00:10:45.936 --> 00:10:48.229 dose reduction and they had to.

NOTE Confidence: 0.932198718333333

00:10:48.230 --> 00:10:50.113 There are TPO therapy or a therapy

NOTE Confidence: 0.932198718333333

00:10:50.113 --> 00:10:52.635 had to be stopped by 10 weeks and

NOTE Confidence: 0.932198718333333

00:10:52.635 --> 00:10:54.285 they proposed a method whether

NOTE Confidence: 0.932198718333333

00:10:54.353 --> 00:10:55.908 it was a Rama, Plasty, Morrell,

NOTE Confidence: 0.932198718333333

00:10:55.908 --> 00:10:59.521 Trumbo bag of of a protocol of how to how

NOTE Confidence: 0.932198718333333

00:10:59.521 --> 00:11:01.777 to taper off their doses accordingly.

NOTE Confidence: 0.932198718333333

00:11:01.780 --> 00:11:04.060 And if a patient relapsed during

NOTE Confidence: 0.932198718333333

00:11:04.060 --> 00:11:05.200 after this discontinuation,

NOTE Confidence: 0.932198718333333

00:11:05.200 --> 00:11:07.160 the decision to start a new therapy was

NOTE Confidence: 0.932198718333333

00:11:07.160 --> 00:11:09.320 left at every investigators discretion,

NOTE Confidence: 0.932198718333333

00:11:09.320 --> 00:11:11.012 and so the primary endpoint was

NOTE Confidence: 0.932198718333333

00:11:11.012 --> 00:11:12.850 what was the proportion of patients

NOTE Confidence: 0.932198718333333

00:11:12.850 --> 00:11:14.495 who achieved an overall response,

NOTE Confidence: 0.932198718333333

00:11:14.500 --> 00:11:16.544 which was defined as CR plus R

NOTE Confidence: 0.932198718333333

00:11:16.544 --> 00:11:18.278 at week 20 at week 24.

NOTE Confidence: 0.932198718333333

00:11:18.280 --> 00:11:19.760 So six months afterwards,

NOTE Confidence: 0.932198718333333

00:11:19.760 --> 00:11:22.400 and the secondary outcomes looked at those,

NOTE Confidence: 0.932198718333333

00:11:22.400 --> 00:11:23.885 the overall response rate after

NOTE Confidence: 0.932198718333333

00:11:23.885 --> 00:11:25.828 a year or 52 weeks, they look.

NOTE Confidence: 0.932198718333333

00:11:25.828 --> 00:11:26.973 I didn't looked at patients

NOTE Confidence: 0.932198718333333

00:11:26.973 --> 00:11:28.000 who had bleeding events,

NOTE Confidence: 0.932198718333333

00:11:28.000 --> 00:11:30.058 and they aimed to try to identify

NOTE Confidence: 0.932198718333333

00:11:30.058 --> 00:11:31.859 any predictive factors to see which

NOTE Confidence: 0.932198718333333

00:11:31.859 --> 00:11:33.575 patients might be those who achieve.

NOTE Confidence: 0.932198718333333

00:11:33.580 --> 00:11:35.460 Such an overall prolonged response.

NOTE Confidence: 0.920319333333333

00:11:38.910 --> 00:11:43.512 So 49 patients which included a 30

NOTE Confidence: 0.920319333333333

00:11:43.512 --> 00:11:45.244 females with either persistent.

NOTE Confidence: 0.920319333333333

00:11:45.250 --> 00:11:47.356 There was an end of two

NOTE Confidence: 0.920319333333333

00:11:47.356 --> 00:11:49.469 or chronic and a 47 ITP.

NOTE Confidence: 0.920319333333333

00:11:49.470 --> 00:11:52.838 The median age of 58.5 years were evaluated

NOTE Confidence: 0.920319333333333

00:11:52.838 --> 00:11:56.406 in this two year period over 22 centers.

NOTE Confidence: 0.920319333333333

00:11:56.410 --> 00:11:58.834 40 of the patients had received

NOTE Confidence: 0.920319333333333

00:11:58.834 --> 00:12:01.340 eltrombopag and nine around the plastic.

NOTE Confidence: 0.920319333333333

00:12:01.340 --> 00:12:04.310 And intention to treat analysis

NOTE Confidence: 0.920319333333333

00:12:04.310 --> 00:12:07.330 56.2% so 27 of the 48 patients

NOTE Confidence: 0.920319333333333

00:12:07.330 --> 00:12:09.210 achieving the primary endpoint

NOTE Confidence: 0.920319333333333

00:12:09.210 --> 00:12:11.528 achieved the primary endpoint and

NOTE Confidence: 0.920319333333333

00:12:11.528 --> 00:12:13.724 maintained an overall response at 24

NOTE Confidence: 0.920319333333333

00:12:13.724 --> 00:12:16.130 weeks after TPO RA discontinuation.

NOTE Confidence: 0.920319333333333

00:12:16.130 --> 00:12:17.936 And of those, half of those,

NOTE Confidence: 0.920319333333333

00:12:17.940 --> 00:12:20.430 essentially 55 percent, 15 of those,

NOTE Confidence: 0.920319333333333

00:12:20.430 --> 00:12:22.590 27 had a complete response,

NOTE Confidence: 0.920319333333333

00:12:22.590 --> 00:12:25.164 which again is defined as a

NOTE Confidence: 0.920319333333333

00:12:25.164 --> 00:12:26.880 platelet count over 100,000.

NOTE Confidence: 0.920319333333333

00:12:26.880 --> 00:12:30.468 Bleeding events did occur in 61.9% of

NOTE Confidence: 0.920319333333333

00:12:30.468 --> 00:12:33.228 the patients and 65.2% of the patients

NOTE Confidence: 0.920319333333333

00:12:33.228 --> 00:12:36.229 who did relapse at the 24 week and 50.

NOTE Confidence: 0.7839765325

00:12:38.810 --> 00:12:41.402 Should be weeks or 52 weeks with the median

NOTE Confidence: 0.7839765325

00:12:41.402 --> 00:12:44.006 platelet count of 31,000 at that time.

NOTE Confidence: 0.7839765325

00:12:44.006 --> 00:12:46.276 No severe bleeding episodes occurred.

NOTE Confidence: 0.93675410125

00:12:48.730 --> 00:12:51.562 And they could not identify any

NOTE Confidence: 0.93675410125

00:12:51.562 --> 00:12:53.224 predictive factors. Neither age.

NOTE Confidence: 0.93675410125

00:12:53.224 --> 00:12:55.009 Which agent the patient had,

NOTE Confidence: 0.93675410125

00:12:55.010 --> 00:12:56.138 how long they'd had.

NOTE Confidence: 0.93675410125

00:12:56.138 --> 00:12:57.830 ITP none of these things were

NOTE Confidence: 0.93675410125

00:12:57.887 --> 00:12:59.462 able to predict which patients

NOTE Confidence: 0.93675410125

00:12:59.462 --> 00:13:01.450 were those who were going to

NOTE Confidence: 0.93675410125

00:13:01.450 --> 00:13:03.185 achieve such a sustained response.

NOTE Confidence: 0.93675410125

00:13:03.190 --> 00:13:05.092 So the conclusions of this was

NOTE Confidence: 0.93675410125

00:13:05.092 --> 00:13:07.130 that after 52 weeks and this is

NOTE Confidence: 0.93675410125

00:13:07.130 --> 00:13:09.402 you can seen by the diagram on the

NOTE Confidence: 0.93675410125

00:13:09.402 --> 00:13:11.369 right hand side after after TPR,

NOTE Confidence: 0.93675410125

00:13:11.370 --> 00:13:13.580 a discontinuation overall response was

NOTE Confidence: 0.93675410125

00:13:13.580 --> 00:13:16.969 seen in about half of these patients,

NOTE Confidence: 0.93675410125

00:13:16.970 --> 00:13:20.130 52.1% for those who did relapse.

NOTE Confidence: 0.93675410125

00:13:20.130 --> 00:13:21.918 The median time of relapsing after

NOTE Confidence: 0.93675410125

00:13:21.918 --> 00:13:23.590 tapering was at about 8 weeks,

NOTE Confidence: 0.93675410125

00:13:23.590 --> 00:13:25.096 but the majority of those actually

NOTE Confidence: 0.93675410125

00:13:25.096 --> 00:13:26.570 happened within the first two weeks,

NOTE Confidence: 0.93675410125

00:13:26.570 --> 00:13:28.556 and none of those patients who

NOTE Confidence: 0.93675410125

00:13:28.556 --> 00:13:29.880 relapsed developed severe bleeding.

NOTE Confidence: 0.884706296666667

00:13:32.990 --> 00:13:35.558 In among 21 patients who did

NOTE Confidence: 0.884706296666667

00:13:35.558 --> 00:13:37.141 relapse before week 2413,

NOTE Confidence: 0.884706296666667

00:13:37.141 --> 00:13:39.469 of those were able to be re challenged

NOTE Confidence: 0.884706296666667

00:13:39.469 --> 00:13:41.815 with their TPO RA and they were still

NOTE Confidence: 0.884706296666667

00:13:41.815 --> 00:13:43.655 able to achieve a complete response

NOTE Confidence: 0.884706296666667

00:13:43.655 --> 00:13:45.811 with a medium time of two weeks.

NOTE Confidence: 0.871721324333333

00:13:47.870 --> 00:13:50.022 So the conclusion is that there was a

NOTE Confidence: 0.871721324333333

00:13:50.022 --> 00:13:52.187 high rate of sustained off treatment

NOTE Confidence: 0.871721324333333

00:13:52.187 --> 00:13:54.137 remission after TPO RA discontinuation

NOTE Confidence: 0.871721324333333

00:13:54.137 --> 00:13:56.725 in patients with chronic ITP who had

NOTE Confidence: 0.871721324333333

00:13:56.725 --> 00:13:58.481 initially achieved at stable CR.

NOTE Confidence: 0.871721324333333

00:13:58.481 --> 00:14:01.129 They were unable to die and identify a

NOTE Confidence: 0.871721324333333

00:14:01.129 --> 00:14:03.345 predictive factor of which patients were

NOTE Confidence: 0.871721324333333

00:14:03.345 --> 00:14:05.850 would achieve such a lasting remission.

NOTE Confidence: 0.871721324333333

00:14:05.850 --> 00:14:07.806 But this study strongly supports use

NOTE Confidence: 0.871721324333333

00:14:07.806 --> 00:14:09.849 of a progressive tapering off of the

NOTE Confidence: 0.871721324333333

00:14:09.849 --> 00:14:11.431 dose of TPRS and patients who do

NOTE Confidence: 0.871721324333333

00:14:11.490 --> 00:14:13.230 achieve a stable CR on treatment.

NOTE Confidence: 0.871721324333333

00:14:13.230 --> 00:14:14.623 And there may be opportunity for us

NOTE Confidence: 0.871721324333333

00:14:14.623 --> 00:14:16.131 to be able to discontinue therapy

NOTE Confidence: 0.871721324333333

00:14:16.131 --> 00:14:16.995 in such patients.

NOTE Confidence: 0.820428353333333

00:14:20.790 --> 00:14:22.660 The last abstract I'll discuss

NOTE Confidence: 0.820428353333333

00:14:22.660 --> 00:14:24.156 was called obstetric obstetrical

NOTE Confidence: 0.820428353333333

00:14:24.156 --> 00:14:25.910 and perioperative management of

NOTE Confidence: 0.820428353333333

00:14:25.910 --> 00:14:28.110 patients with factor 11 deficiency.

NOTE Confidence: 0.820428353333333

00:14:28.110 --> 00:14:30.258 A retrospective observational study.

NOTE Confidence: 0.831983915625

00:14:32.860 --> 00:14:34.772 In the background information

NOTE Confidence: 0.831983915625

00:14:34.772 --> 00:14:36.684 data regarding obstetrical and

NOTE Confidence: 0.831983915625

00:14:36.684 --> 00:14:38.024 perioperative management of

NOTE Confidence: 0.831983915625

00:14:38.024 --> 00:14:39.619 factor 11 deficiency is scarce.

NOTE Confidence: 0.888969126666667

00:14:41.930 --> 00:14:43.088 And the question at hand is,

NOTE Confidence: 0.888969126666667

00:14:43.090 --> 00:14:45.538 can we create a database of such patients

NOTE Confidence: 0.888969126666667

00:14:45.538 --> 00:14:47.464 and identify factors associated with

NOTE Confidence: 0.888969126666667

00:14:47.464 --> 00:14:49.559 increased increased bleeding risk in

NOTE Confidence: 0.888969126666667

00:14:49.559 --> 00:14:51.669 patients with factor 11 deficiency

NOTE Confidence: 0.888969126666667

00:14:51.669 --> 00:14:53.285 during childbirth or surgery?

NOTE Confidence: 0.888969126666667

00:14:53.290 --> 00:14:54.988 And this was presented by Doctor

NOTE Confidence: 0.888969126666667

00:14:54.988 --> 00:14:56.483 Hanna from the Icahn School

NOTE Confidence: 0.888969126666667

00:14:56.483 --> 00:14:57.998 of Medicine at Mount Sinai.

NOTE Confidence: 0.893566743

00:15:00.600 --> 00:15:02.394 So they did a retrospective chart

NOTE Confidence: 0.893566743

00:15:02.394 --> 00:15:04.435 review of patients with factor 11

NOTE Confidence: 0.893566743

00:15:04.435 --> 00:15:06.011 deficiency who underwent either

NOTE Confidence: 0.893566743

00:15:06.011 --> 00:15:07.908 childbirth or surgical procedures over

NOTE Confidence: 0.893566743

00:15:07.908 --> 00:15:10.052 a 10 year period within the Mount Sinai

NOTE Confidence: 0.893566743

00:15:10.052 --> 00:15:12.156 health care system in New York City,

NOTE Confidence: 0.893566743

00:15:12.160 --> 00:15:14.640 and they collected data on age, sex,

NOTE Confidence: 0.893566743

00:15:14.640 --> 00:15:17.200 ethnicity, genotype, family history,

NOTE Confidence: 0.893566743

00:15:17.200 --> 00:15:18.696 personal history of bleeding.

NOTE Confidence: 0.893566743

00:15:18.696 --> 00:15:20.940 The type of anesthesia used the

NOTE Confidence: 0.893566743

00:15:21.008 --> 00:15:23.474 estimated blood loss and any evidence

NOTE Confidence: 0.893566743

00:15:23.474 --> 00:15:25.118 of of periprocedural bleeding

NOTE Confidence: 0.893566743

00:15:25.185 --> 00:15:27.455 which patients needed blood product

NOTE Confidence: 0.893566743

00:15:27.455 --> 00:15:29.271 administration and which product

NOTE Confidence: 0.893566743

00:15:29.271 --> 00:15:31.206 which patients needed hemostatic

NOTE Confidence: 0.893566743

00:15:31.206 --> 00:15:33.666 agents in the perioperative period,

NOTE Confidence: 0.893566743

00:15:33.670 --> 00:15:36.596 they defined a bleeding endpoint as acute

NOTE Confidence: 0.893566743

00:15:36.596 --> 00:15:39.389 postpartum or post operative hemorrhage,

NOTE Confidence: 0.893566743

00:15:39.390 --> 00:15:41.480 or any bleeding that warranted

NOTE Confidence: 0.893566743

00:15:41.480 --> 00:15:42.734 non prophylactic administration

NOTE Confidence: 0.893566743

00:15:42.734 --> 00:15:44.588 of pack red blood cells.

NOTE Confidence: 0.893566743

00:15:44.590 --> 00:15:47.850 FFP or tranexamic acid.

NOTE Confidence: 0.893566743

00:15:47.850 --> 00:15:49.440 They performed a logistic regression

NOTE Confidence: 0.893566743

00:15:49.440 --> 00:15:51.030 to test for the association

NOTE Confidence: 0.893566743

00:15:51.086 --> 00:15:52.379 between either historical,

NOTE Confidence: 0.893566743

00:15:52.380 --> 00:15:54.028 laboratory and procedural variables

NOTE Confidence: 0.893566743

00:15:54.028 --> 00:15:55.676 with the bleeding endpoint.

NOTE Confidence: 0.892415406666667

00:15:58.350 --> 00:16:01.212 So overall, 198 patients were evaluated

NOTE Confidence: 0.892415406666667

00:16:01.212 --> 00:16:04.714 who had undergone 252 procedures in total.

NOTE Confidence: 0.892415406666667

00:16:04.714 --> 00:16:06.626 This included 143 vaginal

NOTE Confidence: 0.892415406666667

00:16:06.626 --> 00:16:08.816 deliveries in 64 city sections

NOTE Confidence: 0.892415406666667

00:16:08.816 --> 00:16:11.809 and 45 other surgical procedures.

NOTE Confidence: 0.892415406666667

00:16:11.810 --> 00:16:14.828 38 of the 252 procedures did

NOTE Confidence: 0.892415406666667

00:16:14.828 --> 00:16:16.840 result in bleeding complications,

NOTE Confidence: 0.892415406666667

00:16:16.840 --> 00:16:19.024 and they found that both a prior

NOTE Confidence: 0.892415406666667

00:16:19.024 --> 00:16:21.162 history of bleeding and a lower

NOTE Confidence: 0.892415406666667

00:16:21.162 --> 00:16:23.052 factor 11 levels were independently

NOTE Confidence: 0.892415406666667

00:16:23.052 --> 00:16:25.200 associated with the bleeding endpoint.

NOTE Confidence: 0.88016542

00:16:28.000 --> 00:16:31.396 Interestingly, 8 out of 21 patients,

NOTE Confidence: 0.88016542

00:16:31.400 --> 00:16:34.238 38% who suffered a bleeding complication.

NOTE Confidence: 0.88016542

00:16:34.240 --> 00:16:38.280 This happened despite prophylactic FFP.

NOTE Confidence: 0.88016542

00:16:38.280 --> 00:16:40.434 The mean factor level level for

NOTE Confidence: 0.88016542

00:16:40.434 --> 00:16:42.367 with patients who receive neuraxial

NOTE Confidence: 0.88016542

00:16:42.367 --> 00:16:44.959 anesthesia was 50 units per deciliter.

NOTE Confidence: 0.88016542

00:16:44.960 --> 00:16:46.910 In five patients with a

NOTE Confidence: 0.88016542

00:16:46.910 --> 00:16:48.080 negative bleeding history,

NOTE Confidence: 0.88016542

00:16:48.080 --> 00:16:49.499 despite surgical challenges,

NOTE Confidence: 0.88016542

00:16:49.499 --> 00:16:51.864 we're actually able to receive

NOTE Confidence: 0.88016542

00:16:51.864 --> 00:16:53.226 neuraxial anesthesia effector

NOTE Confidence: 0.88016542

00:16:53.226 --> 00:16:55.320 level levels less than 10 and

NOTE Confidence: 0.88016542

00:16:55.320 --> 00:16:57.260 without any bleeding complications,

NOTE Confidence: 0.88016542

00:16:57.260 --> 00:16:59.342 and only one of these had

NOTE Confidence: 0.88016542

00:16:59.342 --> 00:17:00.383 received prophylactic FFP.

NOTE Confidence: 0.891877578666667

00:17:05.260 --> 00:17:07.458 So their conclusions were that a personal

NOTE Confidence: 0.891877578666667

00:17:07.458 --> 00:17:09.571 history of bleeding was the strongest

NOTE Confidence: 0.891877578666667

00:17:09.571 --> 00:17:11.426 predictor of perioperative or obstetrical

NOTE Confidence: 0.891877578666667

00:17:11.426 --> 00:17:13.817 bleeding and and that personal history of

NOTE Confidence: 0.891877578666667

00:17:13.817 --> 00:17:15.974 bleeding was was actually defined as just

NOTE Confidence: 0.891877578666667

00:17:15.974 --> 00:17:17.913 one one report of heavy menstrual period

NOTE Confidence: 0.891877578666667

00:17:17.913 --> 00:17:20.036 or bleeding in the operative period.

NOTE Confidence: 0.891877578666667

00:17:20.040 --> 00:17:23.068 It just took sort of one one event in time to

NOTE Confidence: 0.891877578666667

00:17:23.068 --> 00:17:25.504 define a personal history of bleeding factor.

NOTE Confidence: 0.891877578666667

00:17:25.504 --> 00:17:27.936 11 levels were found to correlate with a

NOTE Confidence: 0.891877578666667

00:17:27.936 --> 00:17:29.973 slightly slightly lower but statistically

NOTE Confidence: 0.891877578666667

00:17:29.973 --> 00:17:32.073 significant odds of surgical bleeding,

NOTE Confidence: 0.891877578666667

00:17:32.080 --> 00:17:33.538 and they found that a factor

NOTE Confidence: 0.891877578666667

00:17:33.538 --> 00:17:35.520 11 level cutoff of 40 units per

NOTE Confidence: 0.891877578666667

00:17:35.520 --> 00:17:37.105 deciliter may predict bleeding risk.

NOTE Confidence: 0.891877578666667

00:17:37.110 --> 00:17:39.518 With reasonable specificity at

NOTE Confidence: 0.891877578666667

00:17:39.518 --> 00:17:41.296 83% but lacked sensitivity,

NOTE Confidence: 0.891877578666667

00:17:41.296 --> 00:17:43.648 they also found that factor 11

NOTE Confidence: 0.891877578666667

00:17:43.648 --> 00:17:45.909 levels are stable during pregnancy,

NOTE Confidence: 0.891877578666667

00:17:45.910 --> 00:17:48.020 as demonstrated by the diagram

NOTE Confidence: 0.891877578666667

00:17:48.020 --> 00:17:49.708 on the bottom right,

NOTE Confidence: 0.891877578666667

00:17:49.710 --> 00:17:50.990 showing that repeat measurements

NOTE Confidence: 0.891877578666667

00:17:50.990 --> 00:17:52.270 may not be necessary,

NOTE Confidence: 0.891877578666667

00:17:52.270 --> 00:17:56.064 which is something commonly done in practice,

NOTE Confidence: 0.891877578666667

00:17:56.070 --> 00:17:58.184 and they also found that neuraxial anesthesia

NOTE Confidence: 0.891877578666667

00:17:58.184 --> 00:18:00.510 appeared to be safe to use in this cohort,

NOTE Confidence: 0.891877578666667

00:18:00.510 --> 00:18:02.550 which clinically is a question

NOTE Confidence: 0.891877578666667

00:18:02.550 --> 00:18:04.182 that comes up frequently.

NOTE Confidence: 0.891877578666667

00:18:04.190 --> 00:18:06.668 Hey, thank you for your time.

NOTE Confidence: 0.891877578666667

00:18:06.670 --> 00:18:08.560 Forward to hearing from our next speaker,

NOTE Confidence: 0.891877578666667

00:18:08.560 --> 00:18:09.150 Doctor Malik.

NOTE Confidence: 0.737128475

00:18:13.340 --> 00:18:14.130 Thanks, Kelsey.

NOTE Confidence: 0.928828021111111

00:18:25.970 --> 00:18:28.560 Right, thank you for the

NOTE Confidence: 0.928828021111111

00:18:28.560 --> 00:18:30.632 opportunity to talk today.

NOTE Confidence: 0.928828021111111

00:18:30.640 --> 00:18:33.778 I'm going to focus on thrombosis,

NOTE Confidence: 0.928828021111111

00:18:33.780 --> 00:18:35.694 so I'm hoping to present three

NOTE Confidence: 0.928828021111111

00:18:35.694 --> 00:18:37.790 studies that I found of interest.

NOTE Confidence: 0.816056465555556

00:18:40.020 --> 00:18:42.372 Have one focus study and then as

NOTE Confidence: 0.816056465555556

00:18:42.372 --> 00:18:44.642 time permits and go through the

NOTE Confidence: 0.816056465555556

00:18:44.642 --> 00:18:46.617 other two studies with quickly.

NOTE Confidence: 0.816056465555556

00:18:46.620 --> 00:18:49.245 The focus state I would I would

NOTE Confidence: 0.816056465555556

00:18:49.245 --> 00:18:52.053 like to present is 1 listed here

NOTE Confidence: 0.816056465555556

00:18:52.053 --> 00:18:55.225 by Murs ET al from the Brigham

NOTE Confidence: 0.816056465555556

00:18:55.225 --> 00:18:57.778 and Women's Hospital in Boston who

NOTE Confidence: 0.816056465555556

00:18:57.778 --> 00:19:00.168 looked at anticoagulation use and

NOTE Confidence: 0.816056465555556

00:19:00.168 --> 00:19:02.850 outcomes among patients with atrial

NOTE Confidence: 0.816056465555556

00:19:02.850 --> 00:19:06.780 fibrillation and vanilla brand disease.

NOTE Confidence: 0.816056465555556

00:19:06.780 --> 00:19:09.130 Oral presentation.

NOTE Confidence: 0.816056465555556

00:19:09.130 --> 00:19:12.250 The background is that estimated

NOTE Confidence: 0.816056465555556

00:19:12.250 --> 00:19:15.370 prevalence of symptomatic 1 willibrand

NOTE Confidence: 0.816056465555556

00:19:15.460 --> 00:19:18.010 disease is about one in 1000.

NOTE Confidence: 0.816056465555556

00:19:18.010 --> 00:19:21.330 It is estimated that.

NOTE Confidence: 0.816056465555556

00:19:21.330 --> 00:19:22.974 Patients with one milligram

NOTE Confidence: 0.816056465555556

00:19:22.974 --> 00:19:24.618 disease have similar prevalence

NOTE Confidence: 0.816056465555556

00:19:24.618 --> 00:19:26.786 of atrial fibrillation as general

NOTE Confidence: 0.816056465555556

00:19:26.786 --> 00:19:29.870 population is about .84%.

NOTE Confidence: 0.816056465555556

00:19:29.870 --> 00:19:32.105 The American College of Cardiology

NOTE Confidence: 0.816056465555556

00:19:32.105 --> 00:19:34.340 recommends using anticoagulation for those

NOTE Confidence: 0.816056465555556

00:19:34.405 --> 00:19:36.727 with atrial fibrillation who have chads,

NOTE Confidence: 0.816056465555556

00:19:36.730 --> 00:19:39.054 vascor of two or greater in men

NOTE Confidence: 0.816056465555556

00:19:39.054 --> 00:19:41.438 or three or greater in women.

NOTE Confidence: 0.816056465555556

00:19:41.440 --> 00:19:48.234 The recent ash ISTHNHF&W SH guidelines

NOTE Confidence: 0.816056465555556

00:19:48.234 --> 00:19:51.128 recommend using anticoagulation or

NOTE Confidence: 0.816056465555556

00:19:51.128 --> 00:19:53.718 antiplatelet therapy as clinically indicated.

NOTE Confidence: 0.816056465555556

00:19:53.720 --> 00:19:57.024 It was a suggestion with low certainty

NOTE Confidence: 0.816056465555556

00:19:57.024 --> 00:19:59.119 of evidence and importantly when

NOTE Confidence: 0.816056465555556

00:19:59.119 --> 00:20:01.417 I looked into the the actual.

NOTE Confidence: 0.901501476666667

00:20:03.790 --> 00:20:05.830 Basis of this recommendation,

NOTE Confidence: 0.901501476666667

00:20:05.830 --> 00:20:08.810 it was based on a case series of about

NOTE Confidence: 0.901501476666667

00:20:08.810 --> 00:20:11.180 60 patients or really low quality data.

NOTE Confidence: 0.855000820476191

00:20:13.730 --> 00:20:16.106 So this the study that was

NOTE Confidence: 0.855000820476191

00:20:16.106 --> 00:20:18.185 presented was a retrospective study

NOTE Confidence: 0.855000820476191

00:20:18.185 --> 00:20:20.729 in which data was obtained from

NOTE Confidence: 0.855000820476191

00:20:20.729 --> 00:20:22.640 the Electronic medical records.

NOTE Confidence: 0.855000820476191

00:20:22.640 --> 00:20:24.584 Patient was selected if they had

NOTE Confidence: 0.855000820476191

00:20:24.584 --> 00:20:27.117 a diagnosis of 1 lip and disease

NOTE Confidence: 0.855000820476191

00:20:27.117 --> 00:20:29.067 noticed or seeking cofactor activity

NOTE Confidence: 0.855000820476191

00:20:29.067 --> 00:20:31.896 or any abnormal one will event factor

NOTE Confidence: 0.855000820476191

00:20:31.900 --> 00:20:34.582 measurements and also selected for those

NOTE Confidence: 0.855000820476191

00:20:34.582 --> 00:20:37.910 who had diagnosis of atrial fibrillation.

NOTE Confidence: 0.855000820476191

00:20:37.910 --> 00:20:40.381 The primary endpoint was rate of major

NOTE Confidence: 0.855000820476191

00:20:40.381 --> 00:20:42.730 bleeding as defined by the IST criteria,

NOTE Confidence: 0.855000820476191

00:20:42.730 --> 00:20:44.038 which is fatal.

NOTE Confidence: 0.855000820476191

00:20:44.038 --> 00:20:45.782 Bleeding, bleeding in critical

NOTE Confidence: 0.855000820476191

00:20:45.782 --> 00:20:47.828 organs or bleeding causing more

NOTE Confidence: 0.855000820476191

00:20:47.828 --> 00:20:50.810 than two grams of two grams per DL,

NOTE Confidence: 0.855000820476191

00:20:50.810 --> 00:20:53.510 drop in hemoglobin or more than two

NOTE Confidence: 0.855000820476191

00:20:53.510 --> 00:20:54.950 units of red blood cell transfusion.

NOTE Confidence: 0.855000820476191

00:20:54.950 --> 00:20:58.078 Sorry with the typo.

NOTE Confidence: 0.855000820476191

00:20:58.080 --> 00:21:02.274 The results were that patients in

NOTE Confidence: 0.855000820476191

00:21:02.274 --> 00:21:04.730 tribulation patients were between

NOTE Confidence: 0.855000820476191

00:21:04.730 --> 00:21:08.780 diagnosed between 1980 and 2020.

NOTE Confidence: 0.855000820476191

00:21:08.780 --> 00:21:09.616 For 340,

NOTE Confidence: 0.855000820476191

00:21:09.616 --> 00:21:11.288 patients were screened and

NOTE Confidence: 0.855000820476191

00:21:11.288 --> 00:21:12.960 89 patients were selected.

NOTE Confidence: 0.855000820476191

00:21:12.960 --> 00:21:14.880 For the final analysis.

NOTE Confidence: 0.855000820476191

00:21:14.880 --> 00:21:18.490 Out of those 64 patients were female,

NOTE Confidence: 0.855000820476191

00:21:18.490 --> 00:21:19.915 28% patients were deceased at

NOTE Confidence: 0.855000820476191

00:21:19.915 --> 00:21:21.690 the time of the data pool.

NOTE Confidence: 0.855000820476191

00:21:21.690 --> 00:21:25.650 Medium Chance Best Score was three and 89,

NOTE Confidence: 0.855000820476191

00:21:25.650 --> 00:21:29.708 so close to 90% had a score of two or higher.

NOTE Confidence: 0.855000820476191

00:21:29.710 --> 00:21:31.894 A third of the patients also had

NOTE Confidence: 0.855000820476191

00:21:31.894 --> 00:21:34.130 a quote acute coronary syndrome,

NOTE Confidence: 0.855000820476191

00:21:34.130 --> 00:21:36.110 which the authors lumped together

NOTE Confidence: 0.855000820476191

00:21:36.110 --> 00:21:38.090 STEMI non STEMI and Angela.

NOTE Confidence: 0.853843228181818

00:21:40.990 --> 00:21:45.310 In the in the figure over here as we can see,

NOTE Confidence: 0.853843228181818

00:21:45.310 --> 00:21:47.890 42.7% of the patients in the

NOTE Confidence: 0.853843228181818

00:21:47.890 --> 00:21:50.362 study were on aspirin or they

NOTE Confidence: 0.853843228181818

00:21:50.362 --> 00:21:51.866 were ever prescribed aspirin.

NOTE Confidence: 0.853843228181818

00:21:51.870 --> 00:21:56.854 About 13.4% of the patients were ever

NOTE Confidence: 0.853843228181818

00:21:56.854 --> 00:22:01.100 prescribed P2Y2 inhibitors and 56.2%

NOTE Confidence: 0.853843228181818

00:22:01.100 --> 00:22:04.700 were ever prescribed an anticoagulant.

NOTE Confidence: 0.853843228181818

00:22:04.700 --> 00:22:08.418 The green color represents people

NOTE Confidence: 0.853843228181818

00:22:08.418 --> 00:22:11.694 with antiplatelet agents who also had

NOTE Confidence: 0.853843228181818

00:22:11.700 --> 00:22:14.280 diagnosis of acute coronary syndrome.

NOTE Confidence: 0.853843228181818

00:22:14.280 --> 00:22:17.046 About 1/4 of the patients were

NOTE Confidence: 0.853843228181818

00:22:17.046 --> 00:22:18.890 never prescribed any anticoagulant

NOTE Confidence: 0.853843228181818

00:22:18.968 --> 00:22:20.528 or antiplatelet agent.

NOTE Confidence: 0.894028072222222

00:22:23.270 --> 00:22:25.974 In these two graphs we can see the

NOTE Confidence: 0.894028072222222

00:22:25.974 --> 00:22:28.320 median time to 1st bleeding event

NOTE Confidence: 0.894028072222222

00:22:28.320 --> 00:22:30.702 on the left we have antiplatelet

NOTE Confidence: 0.894028072222222

00:22:30.783 --> 00:22:33.495 agents and on the right it's

NOTE Confidence: 0.894028072222222

00:22:33.495 --> 00:22:36.170 anticoagulants as we can see in both.

NOTE Confidence: 0.894028072222222

00:22:36.170 --> 00:22:39.820 It looked like the the median or

NOTE Confidence: 0.894028072222222

00:22:39.820 --> 00:22:41.920 the time taken for median first

NOTE Confidence: 0.894028072222222

00:22:41.920 --> 00:22:43.950 meeting was greater than 15 years.

NOTE Confidence: 0.894028072222222

00:22:43.950 --> 00:22:46.098 For both of these study groups.

NOTE Confidence: 0.825370145

00:22:49.150 --> 00:22:52.570 Just going into the raw numbers,

NOTE Confidence: 0.825370145

00:22:52.570 --> 00:22:55.630 10.2 events per hundred patient years.

NOTE Confidence: 0.825370145

00:22:55.630 --> 00:22:57.870 So the rate of major bleeding was

NOTE Confidence: 0.825370145

00:22:57.870 --> 00:22:59.490 10.2 events per hundred patient years.

NOTE Confidence: 0.825370145

00:22:59.490 --> 00:23:02.430 For those on platelet agents,

NOTE Confidence: 0.825370145

00:23:02.430 --> 00:23:04.710 8.9 events per hundred person years.

NOTE Confidence: 0.825370145

00:23:04.710 --> 00:23:06.502 For those on anticoagulants

NOTE Confidence: 0.825370145

00:23:06.502 --> 00:23:07.846 without any statistical

NOTE Confidence: 0.825370145

00:23:07.846 --> 00:23:09.920 difference between the two groups.

NOTE Confidence: 0.825370145

00:23:09.920 --> 00:23:12.458 Baseline risk of bleeding was one

NOTE Confidence: 0.825370145

00:23:12.458 --> 00:23:14.660 event per hundred patient years,

NOTE Confidence: 0.825370145

00:23:14.660 --> 00:23:17.264 so these were the patients who

NOTE Confidence: 0.825370145

00:23:17.264 --> 00:23:19.000 never got antiplatelet therapy

NOTE Confidence: 0.825370145

00:23:19.071 --> 00:23:20.850 or anticoagulant therapy.

NOTE Confidence: 0.825370145

00:23:20.850 --> 00:23:22.218 Concomitant anticoagulant and

NOTE Confidence: 0.825370145

00:23:22.218 --> 00:23:24.042 antiplatelet agents resulted in

NOTE Confidence: 0.825370145

00:23:24.042 --> 00:23:26.179 much higher risk of bleeding,

NOTE Confidence: 0.825370145

00:23:26.180 --> 00:23:28.495 which was about 28 events

NOTE Confidence: 0.825370145

00:23:28.495 --> 00:23:30.347 per hundred patient years.

NOTE Confidence: 0.825370145

00:23:30.350 --> 00:23:33.157 The lifetime risk of major beating was

NOTE Confidence: 0.825370145

00:23:33.157 --> 00:23:35.168 also calculated by the investigators,

NOTE Confidence: 0.825370145

00:23:35.168 --> 00:23:38.794 which was 32% in those who were

NOTE Confidence: 0.825370145

00:23:38.800 --> 00:23:41.158 ever prescribed anticoagulants,

NOTE Confidence: 0.825370145

00:23:41.158 --> 00:23:43.978 and 25.6% who were never

NOTE Confidence: 0.825370145

00:23:43.978 --> 00:23:44.810 prescribed anticoagulants,

NOTE Confidence: 0.825370145

00:23:44.810 --> 00:23:46.845 and there was no statistical

NOTE Confidence: 0.825370145

00:23:46.845 --> 00:23:48.880 difference between the two groups.

NOTE Confidence: 0.879458732

00:23:51.020 --> 00:23:52.460 Looking at the stroke risk,

NOTE Confidence: 0.879458732

00:23:52.460 --> 00:23:54.960 the incidence of stroke was

NOTE Confidence: 0.879458732

00:23:54.960 --> 00:23:57.650 about 15 point 7%. And notably,

NOTE Confidence: 0.879458732

00:23:57.650 --> 00:24:00.065 11 out of the 14 patients had

NOTE Confidence: 0.879458732

00:24:00.065 --> 00:24:02.360 never used and equivalent for more

NOTE Confidence: 0.879458732

00:24:02.360 --> 00:24:04.771 than sorry had not been prescribed

NOTE Confidence: 0.879458732

00:24:04.771 --> 00:24:07.549 anticoagulant for 90 days or more.

NOTE Confidence: 0.879458732

00:24:07.550 --> 00:24:09.464 The median chance best score was

NOTE Confidence: 0.879458732

00:24:09.464 --> 00:24:11.500 three in those who had stroke.

NOTE Confidence: 0.709424477

00:24:13.740 --> 00:24:17.100 And and also those who are

NOTE Confidence: 0.709424477

00:24:17.100 --> 00:24:19.340 not anti quietly therapy.

NOTE Confidence: 0.709424477

00:24:19.340 --> 00:24:21.266 One of those patients who had

NOTE Confidence: 0.709424477

00:24:21.266 --> 00:24:25.510 a stroke had a fatal stroke.

NOTE Confidence: 0.709424477

00:24:25.510 --> 00:24:28.075 So the authors concluded that 50% of

NOTE Confidence: 0.709424477

00:24:28.075 --> 00:24:31.105 the patients in their study group

NOTE Confidence: 0.709424477

00:24:31.105 --> 00:24:33.960 were ever prescribed anticoagulant.

NOTE Confidence: 0.709424477

00:24:33.960 --> 00:24:36.886 There was no benefit in choosing anti

NOTE Confidence: 0.709424477

00:24:36.890 --> 00:24:39.220 platelet therapy or anticoagulant therapy

NOTE Confidence: 0.709424477

00:24:39.220 --> 00:24:42.529 if bleeding rate is taken into account.

NOTE Confidence: 0.709424477

00:24:42.530 --> 00:24:44.348 There was no difference in lifetime

NOTE Confidence: 0.709424477

00:24:44.348 --> 00:24:46.711 risk of bleeding in those who were

NOTE Confidence: 0.709424477

00:24:46.711 --> 00:24:48.167 prescribed anticoagulants versus those

NOTE Confidence: 0.709424477

00:24:48.167 --> 00:24:50.750 who were not prescribed anticoagulants.

NOTE Confidence: 0.709424477

00:24:50.750 --> 00:24:54.422 Limited use of anticoagulant and antiplatelet

NOTE Confidence: 0.709424477

00:24:54.422 --> 00:24:57.210 therapy has much higher risk of bleeding,

NOTE Confidence: 0.709424477

00:24:57.210 --> 00:25:00.970 which is not surprising and 57% of

NOTE Confidence: 0.709424477

00:25:00.970 --> 00:25:03.050 patients had thromboembolic strokes.

NOTE Confidence: 0.709424477

00:25:03.050 --> 00:25:06.560 Most of those who were not therapy.

NOTE Confidence: 0.709424477

00:25:06.560 --> 00:25:08.366 So my take away from this study

NOTE Confidence: 0.709424477

00:25:08.366 --> 00:25:10.970 was that it was one of the largest

NOTE Confidence: 0.709424477

00:25:10.970 --> 00:25:12.740 studies looking specifically at this

NOTE Confidence: 0.709424477

00:25:12.800 --> 00:25:15.062 population of one will appendices.

NOTE Confidence: 0.709424477

00:25:15.062 --> 00:25:18.026 Individuals who also have April fibrillation.

NOTE Confidence: 0.709424477

00:25:18.030 --> 00:25:19.440 It was a retrospective study,

NOTE Confidence: 0.709424477

00:25:19.440 --> 00:25:21.200 so has its own limitations,

NOTE Confidence: 0.709424477

00:25:21.200 --> 00:25:24.154 but it still provides one of the

NOTE Confidence: 0.709424477

00:25:24.154 --> 00:25:26.919 largest studies or largest evidence,

NOTE Confidence: 0.709424477

00:25:26.920 --> 00:25:29.174 which makes us probably feel a little

NOTE Confidence: 0.709424477

00:25:29.174 --> 00:25:31.041 bit more comfortable using anticoagulant

NOTE Confidence: 0.709424477

00:25:31.041 --> 00:25:34.407 in these patients with appropriate risk.

NOTE Confidence: 0.709424477

00:25:34.410 --> 00:25:36.780 Assessment of bleeding.

NOTE Confidence: 0.709424477

00:25:36.780 --> 00:25:39.964 Oftentimes antiplatelet agents are

NOTE Confidence: 0.709424477

00:25:39.964 --> 00:25:41.840 prescribed over antique violence as

NOTE Confidence: 0.709424477

00:25:41.840 --> 00:25:44.180 a way to reduce the risk of bleeding,

NOTE Confidence: 0.709424477

00:25:44.180 --> 00:25:46.760 but this study sort of makes

NOTE Confidence: 0.709424477

00:25:46.760 --> 00:25:48.480 us doubt that assumption.

NOTE Confidence: 0.709424477

00:25:48.480 --> 00:25:50.580 Details of 1 milligram disease

NOTE Confidence: 0.709424477

00:25:50.580 --> 00:25:51.840 subtypes were missing,

NOTE Confidence: 0.709424477

00:25:51.840 --> 00:25:53.564 and as we know,

NOTE Confidence: 0.709424477

00:25:53.564 --> 00:25:55.854 the severity of lung disease or

NOTE Confidence: 0.709424477

00:25:55.854 --> 00:25:58.110 the type of 1 disease could make a

NOTE Confidence: 0.709424477

00:25:58.174 --> 00:26:00.084 difference to the bleeding risk.

NOTE Confidence: 0.709424477

00:26:00.084 --> 00:26:02.616 We also have noted recently that

NOTE Confidence: 0.709424477

00:26:02.616 --> 00:26:04.693 ristocetin cofactor activity may not

NOTE Confidence: 0.709424477

00:26:04.693 --> 00:26:06.643 be appropriate to diagnose patients

NOTE Confidence: 0.709424477

00:26:06.643 --> 00:26:08.750 with type 21 blip and disease,

NOTE Confidence: 0.709424477

00:26:08.750 --> 00:26:10.934 so some of those individuals were

NOTE Confidence: 0.709424477

00:26:10.934 --> 00:26:13.456 typed as one group and disease back

NOTE Confidence: 0.709424477

00:26:13.456 --> 00:26:15.495 in the previous years may actually

NOTE Confidence: 0.709424477

00:26:15.495 --> 00:26:17.800 not have one web and disease.

NOTE Confidence: 0.709424477

00:26:17.800 --> 00:26:18.195 Similarly,

NOTE Confidence: 0.709424477

00:26:18.195 --> 00:26:20.170 practice patterns for A-fib management

NOTE Confidence: 0.709424477

00:26:20.170 --> 00:26:22.967 as well as the choice of anticoagulation

NOTE Confidence: 0.709424477

00:26:22.967 --> 00:26:25.648 has changed quite a bit since 1980s,

NOTE Confidence: 0.709424477

00:26:25.650 --> 00:26:30.510 so that would certainly people founder.

NOTE Confidence: 0.709424477

00:26:30.510 --> 00:26:34.150 We're gonna move on to the next.

NOTE Confidence: 0.709424477

00:26:34.150 --> 00:26:38.190 So this was a man and also an

NOTE Confidence: 0.709424477

00:26:38.190 --> 00:26:39.200 oral presentation.

NOTE Confidence: 0.709424477

00:26:39.200 --> 00:26:44.120 Presented on behalf of Doctor Connors.

NOTE Confidence: 0.709424477

00:26:44.120 --> 00:26:46.640 It was it was a meta analysis of

NOTE Confidence: 0.709424477

00:26:46.640 --> 00:26:49.145 direct oral anticoagulants versus low

NOTE Confidence: 0.709424477

00:26:49.145 --> 00:26:51.746 molecular weight heparin for treatment

NOTE Confidence: 0.709424477

00:26:51.746 --> 00:26:53.358 of cancer associated thrombus.

NOTE Confidence: 0.883181894

00:26:57.490 --> 00:27:00.356 In the in this study, the authors

NOTE Confidence: 0.883181894

00:27:00.356 --> 00:27:03.794 looked at 6 randomized control trials.

NOTE Confidence: 0.883181894

00:27:03.800 --> 00:27:06.935 The. This was an update to

NOTE Confidence: 0.883181894

00:27:06.935 --> 00:27:08.107 the previous meta analysis,

NOTE Confidence: 0.883181894

00:27:08.110 --> 00:27:10.354 which had four of these trials

NOTE Confidence: 0.883181894

00:27:10.354 --> 00:27:12.419 mentioned over here. The top four.

NOTE Confidence: 0.883181894

00:27:12.419 --> 00:27:14.297 So the two bottom ones were

NOTE Confidence: 0.883181894

00:27:14.297 --> 00:27:16.049 included in this meta analysis,

NOTE Confidence: 0.883181894

00:27:16.050 --> 00:27:19.558 so there were a total of 3690 patients

NOTE Confidence: 0.883181894

00:27:19.558 --> 00:27:23.450 out of which 1850 got direct oral

NOTE Confidence: 0.883181894

00:27:23.450 --> 00:27:25.288 anticoagulants and 1840 got local.

NOTE Confidence: 0.735115040909091

00:27:28.460 --> 00:27:30.574 The authors looked at the risk of

NOTE Confidence: 0.735115040909091

00:27:30.574 --> 00:27:32.030 recurrent venous from embolism,

NOTE Confidence: 0.735115040909091

00:27:32.030 --> 00:27:35.315 and it favored use of

NOTE Confidence: 0.735115040909091

00:27:35.315 --> 00:27:37.286 direct oral anticoagulants.

NOTE Confidence: 0.735115040909091

00:27:37.290 --> 00:27:42.740 Incidence rate of recurrent VTE was 5.5%.

NOTE Confidence: 0.735115040909091

00:27:42.740 --> 00:27:44.448 In the electrolytic group

NOTE Confidence: 0.735115040909091

00:27:44.448 --> 00:27:46.892 and eight point 3% in the low

NOTE Confidence: 0.735115040909091

00:27:46.892 --> 00:27:47.868 molecular Weight Heparin group.

NOTE Confidence: 0.79593669

00:27:49.890 --> 00:27:56.870 With the risk ratio of .67 favoring director.

NOTE Confidence: 0.79593669

00:27:56.870 --> 00:27:59.372 Risk of major bleeding was about

NOTE Confidence: 0.79593669

00:27:59.372 --> 00:28:02.089 the same in the two groups,

NOTE Confidence: 0.79593669

00:28:02.090 --> 00:28:04.526 so the incidence was four point 3%

NOTE Confidence: 0.79593669

00:28:04.530 --> 00:28:06.075 in the direct oral anticoagulants

NOTE Confidence: 0.79593669

00:28:06.075 --> 00:28:08.994 group and three point 7% in the low

NOTE Confidence: 0.79593669

00:28:08.994 --> 00:28:10.826 molecular Weight Heparin group.

NOTE Confidence: 0.79593669

00:28:10.830 --> 00:28:12.560 And statistically, there was no

NOTE Confidence: 0.79593669

00:28:12.560 --> 00:28:14.290 difference between the two groups.

NOTE Confidence: 0.79593669

00:28:14.290 --> 00:28:17.565 The clinically non the clinically

NOTE Confidence: 0.79593669

00:28:17.565 --> 00:28:20.185 relevant non major bleeding.

NOTE Confidence: 0.79593669

00:28:20.190 --> 00:28:22.478 Favored use of heparin,

NOTE Confidence: 0.79593669

00:28:22.478 --> 00:28:27.610 so it was the incidence was 9.5%

NOTE Confidence: 0.79593669

00:28:27.610 --> 00:28:30.550 of this bleeding in the direct or

NOTE Confidence: 0.79593669

00:28:30.550 --> 00:28:33.192 anticoagulant group and five point 7% in

NOTE Confidence: 0.79593669

00:28:33.192 --> 00:28:35.244 the low molecular weight heparin group.

NOTE Confidence: 0.79593669

00:28:35.250 --> 00:28:38.211 The risk was 1.6 and statistically favoring

NOTE Confidence: 0.79593669

00:28:38.211 --> 00:28:40.479 low molecular weight heparin group.

NOTE Confidence: 0.777690424285714

00:28:42.780 --> 00:28:43.980 All 'cause mortality was

NOTE Confidence: 0.777690424285714

00:28:43.980 --> 00:28:47.440 similar in the two groups.

NOTE Confidence: 0.777690424285714

00:28:47.440 --> 00:28:49.894 The conclusions drawn from this study

NOTE Confidence: 0.777690424285714

00:28:49.894 --> 00:28:52.784 of from this paralysis for that to

NOTE Confidence: 0.777690424285714

00:28:52.784 --> 00:28:55.154 act significantly reduce the risk of

NOTE Confidence: 0.777690424285714

00:28:55.154 --> 00:28:57.255 recurrent VTE compared with heparin,

NOTE Confidence: 0.777690424285714

00:28:57.255 --> 00:28:58.680 without increasing the

NOTE Confidence: 0.777690424285714

00:28:58.680 --> 00:29:00.580 risk of major bleeding.

NOTE Confidence: 0.777690424285714

00:29:00.580 --> 00:29:02.610 However, use of direct oral

NOTE Confidence: 0.777690424285714

00:29:02.610 --> 00:29:03.828 anticoagulants was associated

NOTE Confidence: 0.777690424285714

00:29:03.828 --> 00:29:05.832 with increased risk of clinically

NOTE Confidence: 0.777690424285714

00:29:05.832 --> 00:29:07.344 relevant non major bleeding.

NOTE Confidence: 0.89843117

00:29:10.350 --> 00:29:13.906 Finally, the last oral study that I

NOTE Confidence: 0.89843117

00:29:13.906 --> 00:29:17.575 would like to present was about impact

NOTE Confidence: 0.89843117

00:29:17.575 --> 00:29:20.185 of race and ethnicity on cancer,

NOTE Confidence: 0.89843117

00:29:20.190 --> 00:29:21.894 associated thrombosis among

NOTE Confidence: 0.89843117

00:29:21.894 --> 00:29:24.166 underserved patients with cancer.

NOTE Confidence: 0.89843117

00:29:24.170 --> 00:29:26.060 This was an oral presentation

NOTE Confidence: 0.89843117

00:29:26.060 --> 00:29:27.572 presented by Doctor Decosta.

NOTE Confidence: 0.78882363875

00:29:30.410 --> 00:29:32.990 In this study, a retrospective

NOTE Confidence: 0.78882363875

00:29:32.990 --> 00:29:38.190 analysis was done and the investigators

NOTE Confidence: 0.78882363875

00:29:38.190 --> 00:29:40.616 identified 9353 patients.

NOTE Confidence: 0.78882363875

00:29:40.616 --> 00:29:45.370 After those, 49.3% were Hispanics,

NOTE Confidence: 0.78882363875

00:29:45.370 --> 00:29:48.170 27.6% were non Hispanic blacks,

NOTE Confidence: 0.78882363875

00:29:48.170 --> 00:29:49.542 50.5% were non Hispanic

NOTE Confidence: 0.78882363875

00:29:49.542 --> 00:29:50.950 whites and 7.6% were passed.

NOTE Confidence: 0.83399587

00:29:52.990 --> 00:29:56.600 Islanders interestingly,

NOTE Confidence: 0.83399587

00:29:56.600 --> 00:30:00.760 74.7% were uninsured, and.

NOTE Confidence: 0.83399587

00:30:00.760 --> 00:30:02.950 The reason for this was the

NOTE Confidence: 0.83399587

00:30:02.950 --> 00:30:05.161 study was primarily focused on a

NOTE Confidence: 0.83399587

00:30:05.161 --> 00:30:06.866 safety net hospital in Houston,

NOTE Confidence: 0.83399587

00:30:06.870 --> 00:30:11.076 which has this demographic of population.

NOTE Confidence: 0.83399587

00:30:11.080 --> 00:30:13.335 The incidence of cancer associated

NOTE Confidence: 0.83399587

00:30:13.335 --> 00:30:15.139 thrombosis was seven point,

NOTE Confidence: 0.83399587

00:30:15.140 --> 00:30:18.912 3% at six months and 9.6% at 12 months.

NOTE Confidence: 0.83399587

00:30:18.912 --> 00:30:20.604 Of previous studies which

NOTE Confidence: 0.83399587

00:30:20.604 --> 00:30:22.130 have looked at this,

NOTE Confidence: 0.83399587

00:30:22.130 --> 00:30:24.848 which were primarily focused

NOTE Confidence: 0.83399587

00:30:24.848 --> 00:30:26.132 on Caucasian population,

NOTE Confidence: 0.83399587

00:30:26.132 --> 00:30:29.609 the risk at 12 months is much lower,

NOTE Confidence: 0.83399587

00:30:29.610 --> 00:30:30.336 about 2.3%.

NOTE Confidence: 0.83399587

00:30:30.336 --> 00:30:32.514 So something to keep in mind.

NOTE Confidence: 0.823889203333333

00:30:35.450 --> 00:30:36.536 On the graph on the left,

NOTE Confidence: 0.823889203333333

00:30:36.540 --> 00:30:38.970 we can see, as expected,

NOTE Confidence: 0.823889203333333

00:30:38.970 --> 00:30:42.473 pancreatic upper GI where the OR

NOTE Confidence: 0.823889203333333

00:30:42.473 --> 00:30:44.471 patients with pancreatic or upper GI

NOTE Confidence: 0.823889203333333

00:30:44.471 --> 00:30:46.762 cancers were the ones with highest

NOTE Confidence: 0.823889203333333

00:30:46.762 --> 00:30:48.807 risk of cancer associated thrombosis.

NOTE Confidence: 0.823889203333333

00:30:48.810 --> 00:30:50.628 The interesting part was the top.

NOTE Confidence: 0.823889203333333

00:30:50.630 --> 00:30:53.622 Sorry, the bottom right figure where

NOTE Confidence: 0.823889203333333

00:30:53.622 --> 00:30:57.060 we can see that non Hispanic black

NOTE Confidence: 0.823889203333333

00:30:57.060 --> 00:30:59.510 population and non Hispanic white

NOTE Confidence: 0.823889203333333

00:30:59.510 --> 00:31:02.095 population seem to have similar

NOTE Confidence: 0.823889203333333

00:31:02.095 --> 00:31:04.139 cumulative incidence of cancer

NOTE Confidence: 0.823889203333333

00:31:04.139 --> 00:31:06.469 associated thrombosis at 12 months.

NOTE Confidence: 0.823889203333333

00:31:06.470 --> 00:31:09.990 While Hispanic population and Asian

NOTE Confidence: 0.823889203333333

00:31:09.990 --> 00:31:12.790 population seem to have a lower risk,

NOTE Confidence: 0.823889203333333

00:31:12.790 --> 00:31:15.592 so this contradicts what we have

NOTE Confidence: 0.823889203333333

00:31:15.592 --> 00:31:17.843 traditionally known about thrombosis,

NOTE Confidence: 0.823889203333333

00:31:17.843 --> 00:31:22.650 which is reported to be higher in

NOTE Confidence: 0.823889203333333

00:31:22.650 --> 00:31:25.146 individuals with black ancestry.

NOTE Confidence: 0.823889203333333

00:31:25.150 --> 00:31:26.622 And Hispanic population have

NOTE Confidence: 0.823889203333333

00:31:26.622 --> 00:31:28.462 been traditionally known to have

NOTE Confidence: 0.823889203333333

00:31:28.462 --> 00:31:30.349 a lower risk of thrombosis,

NOTE Confidence: 0.823889203333333

00:31:30.350 --> 00:31:33.094 so that is congruent with that knowledge.

NOTE Confidence: 0.693077274285714

00:31:35.700 --> 00:31:37.840 When the authors did the

NOTE Confidence: 0.693077274285714

00:31:37.840 --> 00:31:38.696 multivariable analysis,

NOTE Confidence: 0.693077274285714

00:31:38.700 --> 00:31:41.790 they again found Hispanic race

NOTE Confidence: 0.693077274285714

00:31:41.790 --> 00:31:45.632 and Asian race were to have an

NOTE Confidence: 0.693077274285714

00:31:45.632 --> 00:31:47.888 impact on the risk of getting

NOTE Confidence: 0.693077274285714

00:31:47.888 --> 00:31:49.460 cancer associated thrombosis.

NOTE Confidence: 0.89390926625

00:31:52.360 --> 00:31:53.848 The conclusions drawn were

NOTE Confidence: 0.89390926625

00:31:53.848 --> 00:31:55.336 higher incidence of cancer.

NOTE Confidence: 0.89390926625

00:31:55.340 --> 00:31:57.488 Associated thrombosis was noted

NOTE Confidence: 0.89390926625

00:31:57.488 --> 00:32:00.173 compared to the European registries.

NOTE Confidence: 0.89390926625

00:32:00.180 --> 00:32:03.040 Non Hispanic blacks had similar

NOTE Confidence: 0.89390926625

00:32:03.040 --> 00:32:05.328 incidence of cancer associated

NOTE Confidence: 0.89390926625

00:32:05.328 --> 00:32:07.790 thrombosis to non Hispanic whites.

NOTE Confidence: 0.89390926625

00:32:07.790 --> 00:32:09.415 Hispanic and Asian Pacific Islanders

NOTE Confidence: 0.89390926625

00:32:09.415 --> 00:32:11.891 had a lower risk of cancer associated

NOTE Confidence: 0.89390926625

00:32:11.891 --> 00:32:13.866 thrombosis compared to non Hispanic

NOTE Confidence: 0.89390926625

00:32:13.866 --> 00:32:16.619 whites and non Hispanic black population.

NOTE Confidence: 0.89390926625

00:32:16.620 --> 00:32:19.332 And treatment with chemotherapy

NOTE Confidence: 0.89390926625

00:32:19.332 --> 00:32:21.366 or immunotherapy associated.

NOTE Confidence: 0.89390926625

00:32:21.370 --> 00:32:24.408 It would help you or immunotherapy was

NOTE Confidence: 0.89390926625

00:32:24.408 --> 00:32:27.068 associated with increased risk of thrombosis.

NOTE Confidence: 0.89390926625

00:32:27.070 --> 00:32:29.518 That concludes my talk.

NOTE Confidence: 0.386202125

00:32:32.830 --> 00:32:33.510 You said that she.

NOTE Confidence: 0.679631074

00:32:48.010 --> 00:32:50.560 I'm just gonna start my groups.

NOTE Confidence: 0.812904183333333

00:32:53.260 --> 00:32:54.079 The right one.

NOTE Confidence: 0.881443083333333

00:33:01.790 --> 00:33:04.580 Hopefully this is the right one.

NOTE Confidence: 0.881443083333333

00:33:04.580 --> 00:33:10.082 Alright, I'm so let me just start moving.

NOTE Confidence: 0.881443083333333

00:33:10.082 --> 00:33:15.350 OK so hello buddy and Alex Pine and I

NOTE Confidence: 0.881443083333333

00:33:15.350 --> 00:33:18.264 wanted to briefly briefly everybody

NOTE Confidence: 0.881443083333333

00:33:18.264 --> 00:33:21.254 on 3 potentially 4 abstracts.

NOTE Confidence: 0.881443083333333

00:33:21.260 --> 00:33:24.830 If we have time and.

NOTE Confidence: 0.881443083333333

00:33:24.830 --> 00:33:27.644 The first three are sort of have

NOTE Confidence: 0.881443083333333

00:33:27.644 --> 00:33:29.943 this ITP flavor and a couple

NOTE Confidence: 0.881443083333333

00:33:29.943 --> 00:33:31.992 of them has kovid color,

NOTE Confidence: 0.881443083333333

00:33:31.992 --> 00:33:35.639 so the first one is actually the

NOTE Confidence: 0.881443083333333

00:33:35.639 --> 00:33:39.315 first two kind of have the same motif,

NOTE Confidence: 0.881443083333333

00:33:39.315 --> 00:33:42.780 and they both studies actually looked into.

NOTE Confidence: 0.661312154545454

00:33:44.820 --> 00:33:47.170 What happens to patients with

NOTE Confidence: 0.661312154545454

00:33:47.170 --> 00:33:48.580 persisting thermoset opinion

NOTE Confidence: 0.661312154545454

00:33:48.580 --> 00:33:51.514 when they receive COVID that

NOTE Confidence: 0.661312154545454

00:33:51.514 --> 00:33:55.816 vaccines and so the first study?

NOTE Confidence: 0.661312154545454

00:33:55.820 --> 00:33:58.800 Which was out of Cornell.

NOTE Confidence: 0.661312154545454

00:33:58.800 --> 00:34:00.976 Essentially they were operating

NOTE Confidence: 0.661312154545454

00:34:00.976 --> 00:34:03.696 on the premise that play,

NOTE Confidence: 0.661312154545454

00:34:03.700 --> 00:34:06.668 let's play play quite a bit of

NOTE Confidence: 0.661312154545454

00:34:06.668 --> 00:34:09.050 a role in immune immune system.

NOTE Confidence: 0.757131832

00:34:11.130 --> 00:34:14.600 And also in their cohort,

NOTE Confidence: 0.757131832

00:34:14.600 --> 00:34:17.228 different cohort but in their center

NOTE Confidence: 0.757131832

00:34:17.230 --> 00:34:20.614 thrust opinion happened in 27% of

NOTE Confidence: 0.757131832

00:34:20.614 --> 00:34:24.040 patients with just COVID-19, so they.

NOTE Confidence: 0.757131832

00:34:24.040 --> 00:34:24.952 Actually postulated,

NOTE Confidence: 0.757131832

00:34:24.952 --> 00:34:29.760 or at least developed the concept further.

NOTE Confidence: 0.757131832

00:34:29.760 --> 00:34:31.743 That in COVID-19,

NOTE Confidence: 0.757131832

00:34:31.743 --> 00:34:34.795 especially severe COVID-19, there's a a.

NOTE Confidence: 0.757131832

00:34:34.795 --> 00:34:36.925 This is normal glycosylation of the

NOTE Confidence: 0.757131832

00:34:36.925 --> 00:34:39.624 spike protein antibodies is is a

NOTE Confidence: 0.757131832

00:34:39.624 --> 00:34:41.440 prothrombotic signal for platelets,

NOTE Confidence: 0.757131832

00:34:41.440 --> 00:34:44.010 especially through.

NOTE Confidence: 0.608086705636364

00:34:46.360 --> 00:34:49.320 Direct receptor these complexes of

NOTE Confidence: 0.608086705636364

00:34:49.320 --> 00:34:52.650 IgG and virus operate through the

NOTE Confidence: 0.608086705636364

00:34:52.650 --> 00:34:59.100 Cy come receptor and So what they?

NOTE Confidence: 0.608086705636364

00:34:59.100 --> 00:35:02.444 They also. There was also a

NOTE Confidence: 0.608086705636364

00:35:02.444 --> 00:35:03.588 clinical sort of observation.

NOTE Confidence: 0.608086705636364

00:35:03.590 --> 00:35:07.064 Then there were some reports of ITP in post

NOTE Confidence: 0.608086705636364

00:35:07.064 --> 00:35:10.230 vaccine settings in a single institution.

NOTE Confidence: 0.608086705636364

00:35:10.230 --> 00:35:11.298 I believe I'm GH.

NOTE Confidence: 0.608086705636364

00:35:11.298 --> 00:35:13.236 There was a 52 patients and there

NOTE Confidence: 0.608086705636364

00:35:13.236 --> 00:35:15.605 were 12% of ITP dissertations.

NOTE Confidence: 0.608086705636364

00:35:15.605 --> 00:35:18.630 So they asked the question.

NOTE Confidence: 0.608086705636364

00:35:18.630 --> 00:35:20.886 Several questions is in fact what is the

NOTE Confidence: 0.608086705636364

00:35:20.886 --> 00:35:23.027 effect of vaccines on platelet count,

NOTE Confidence: 0.608086705636364

00:35:23.030 --> 00:35:26.238 risk of bleeding events?

NOTE Confidence: 0.608086705636364

00:35:26.240 --> 00:35:29.720 What kind of what kind of effect

NOTE Confidence: 0.608086705636364

00:35:29.720 --> 00:35:31.460 is in repeat dosing of vaccines?

NOTE Confidence: 0.608086705636364

00:35:31.460 --> 00:35:32.970 You know the second vaccine

NOTE Confidence: 0.608086705636364

00:35:32.970 --> 00:35:34.178 booster and so on,

NOTE Confidence: 0.608086705636364

00:35:34.180 --> 00:35:35.795 and what the risks of

NOTE Confidence: 0.608086705636364

00:35:35.795 --> 00:35:36.764 the actual exacerbation.

NOTE Confidence: 0.608086705636364

00:35:36.770 --> 00:35:38.996 What sort of plays a role in

NOTE Confidence: 0.608086705636364

00:35:39.000 --> 00:35:43.790 exacerbating so their cohort was

NOTE Confidence: 0.608086705636364

00:35:43.790 --> 00:35:46.133 retrospective from patients 10

NOTE Confidence: 0.608086705636364

00:35:46.133 --> 00:35:47.516 university affiliated patients

NOTE Confidence: 0.608086705636364

00:35:47.516 --> 00:35:50.300 that we actually also participated.

NOTE Confidence: 0.608086705636364

00:35:50.300 --> 00:35:54.040 So it's 117 patients.

NOTE Confidence: 0.608086705636364

00:35:54.040 --> 00:35:57.055 With a pretty long history of ITP 12 years.

NOTE Confidence: 0.608086705636364

00:35:57.060 --> 00:35:59.670 And of course they were.

NOTE Confidence: 0.608086705636364

00:35:59.670 --> 00:36:01.420 You know at the time where the

NOTE Confidence: 0.608086705636364

00:36:01.420 --> 00:36:02.949 study was sort of conducted,

NOTE Confidence: 0.608086705636364

00:36:02.950 --> 00:36:03.618 yeah,

NOTE Confidence: 0.608086705636364

00:36:03.618 --> 00:36:06.958 the patients were getting vaccinated

NOTE Confidence: 0.608086705636364

00:36:06.958 --> 00:36:08.962 were older patients.

NOTE Confidence: 0.608086705636364

00:36:08.970 --> 00:36:12.760 So breakdown of what therapies

NOTE Confidence: 0.608086705636364

00:36:12.760 --> 00:36:14.276 were administered,

NOTE Confidence: 0.608086705636364

00:36:14.280 --> 00:36:16.752 either on therapy or off therapy

NOTE Confidence: 0.608086705636364

00:36:16.752 --> 00:36:18.400 or prior prior therapy.

NOTE Confidence: 0.608086705636364

00:36:18.400 --> 00:36:18.890 So

NOTE Confidence: 0.438028055

00:36:20.940 --> 00:36:24.600 TPO, RA's and we talk smack word

NOTE Confidence: 0.438028055

00:36:24.600 --> 00:36:26.620 bulk of the of the treatments,

NOTE Confidence: 0.438028055

00:36:26.620 --> 00:36:28.864 and colectomy was also in 21% of

NOTE Confidence: 0.438028055

00:36:28.864 --> 00:36:31.896 patients and at the time of the study 40

NOTE Confidence: 0.438028055

00:36:31.896 --> 00:36:34.514 patients were off treatment and 16 of

NOTE Confidence: 0.438028055

00:36:34.514 --> 00:36:37.319 those were with normal platelet count.

NOTE Confidence: 0.438028055

00:36:37.320 --> 00:36:38.830 This is a breakdown of.

NOTE Confidence: 0.438028055

00:36:38.830 --> 00:36:42.898 See the exchange that we received.

NOTE Confidence: 0.438028055

00:36:42.900 --> 00:36:45.015 Simon, of course majority and

NOTE Confidence: 0.438028055

00:36:45.015 --> 00:36:47.130 then definitions how they sort

NOTE Confidence: 0.438028055

00:36:47.210 --> 00:36:49.400 of were assessing the response.

NOTE Confidence: 0.438028055

00:36:49.400 --> 00:36:51.302 So stable platelet count was plus

NOTE Confidence: 0.438028055

00:36:51.302 --> 00:36:53.460 minus 20% of the pre vaccine level,

NOTE Confidence: 0.438028055

00:36:53.460 --> 00:37:01.090 and ITP exasperation was defined as either.

NOTE Confidence: 0.438028055

00:37:01.090 --> 00:37:03.526 Much higher than 50% reduction of

NOTE Confidence: 0.438028055

00:37:03.526 --> 00:37:07.702 platelet count or 20% reduction if you.

NOTE Confidence: 0.438028055

00:37:07.702 --> 00:37:10.198 If the if the native platelets

NOTE Confidence: 0.438028055

00:37:10.198 --> 00:37:13.159 below 30,000 or the use of rescue

NOTE Confidence: 0.438028055

00:37:13.159 --> 00:37:15.604 treatment and So what?

NOTE Confidence: 0.438028055

00:37:15.604 --> 00:37:18.181 They found that there's a

NOTE Confidence: 0.438028055

00:37:18.181 --> 00:37:19.809 three groups of patients.

NOTE Confidence: 0.438028055

00:37:19.810 --> 00:37:23.209 So in about.

NOTE Confidence: 0.438028055

00:37:23.210 --> 00:37:26.586 I would say third or close to third

NOTE Confidence: 0.438028055

00:37:26.586 --> 00:37:28.852 quarter places actually increased

NOTE Confidence: 0.438028055

00:37:28.852 --> 00:37:31.308 platelet count increased in.

NOTE Confidence: 0.438028055

00:37:31.310 --> 00:37:33.928 Happened in middle part like a 40%.

NOTE Confidence: 0.438028055

00:37:33.930 --> 00:37:36.266 Nothing happened and in

NOTE Confidence: 0.438028055

00:37:36.266 --> 00:37:39.174 about third so to speak,

NOTE Confidence: 0.438028055

00:37:39.174 --> 00:37:41.463 it's actually decreased and this is

NOTE Confidence: 0.438028055

00:37:41.463 --> 00:37:42.730 the first Test of the second dose.

NOTE Confidence: 0.438028055

00:37:42.730 --> 00:37:46.042 Sort of similar and they pointed out

NOTE Confidence: 0.438028055

00:37:46.042 --> 00:37:48.810 that it may not be the same patience.

NOTE Confidence: 0.438028055

00:37:48.810 --> 00:37:53.082 So they broke it down into

NOTE Confidence: 0.438028055

00:37:53.082 --> 00:37:55.930 into into several groups.

NOTE Confidence: 0.438028055

00:37:55.930 --> 00:37:56.478 Specifically,

NOTE Confidence: 0.438028055

00:37:56.478 --> 00:37:59.649 so they assessed all patients in

NOTE Confidence: 0.438028055

00:37:59.649 --> 00:38:02.223 terms of incidence of post vaccine

NOTE Confidence: 0.438028055

00:38:02.223 --> 00:38:04.170 ITP reservation splenectomy patients,

NOTE Confidence: 0.438028055

00:38:04.170 --> 00:38:06.417 patients with me in patients with very

NOTE Confidence: 0.438028055

00:38:06.417 --> 00:38:08.470 heavily pretreated with five more than five,

NOTE Confidence: 0.438028055

00:38:08.470 --> 00:38:10.820 five, and more prior therapies,

NOTE Confidence: 0.438028055

00:38:10.820 --> 00:38:11.516 and so,

NOTE Confidence: 0.438028055

00:38:11.516 --> 00:38:12.212 interestingly enough,

NOTE Confidence: 0.438028055

00:38:12.212 --> 00:38:14.750 if you look at this point to me,

NOTE Confidence: 0.438028055

00:38:14.750 --> 00:38:18.746 it's they they saw a significant

NOTE Confidence: 0.438028055

00:38:18.750 --> 00:38:22.418 significantly higher incidence of.

NOTE Confidence: 0.534652041

00:38:24.850 --> 00:38:28.743 I've played loads of ITP reservations

NOTE Confidence: 0.534652041

00:38:28.743 --> 00:38:31.494 as well as patients with who are

NOTE Confidence: 0.534652041

00:38:31.494 --> 00:38:33.339 very, very heavily pretreated.

NOTE Confidence: 0.720235435454545

00:38:35.780 --> 00:38:37.628 Now when the when the post vaccine

NOTE Confidence: 0.720235435454545

00:38:37.628 --> 00:38:39.120 rescue therapy was administered,

NOTE Confidence: 0.720235435454545

00:38:39.120 --> 00:38:41.276 it was it was effective was administered

NOTE Confidence: 0.720235435454545

00:38:41.276 --> 00:38:44.615 about 30% of patients and they they

NOTE Confidence: 0.720235435454545

00:38:44.615 --> 00:38:47.330 reported no serious bleeding events.

NOTE Confidence: 0.720235435454545

00:38:47.330 --> 00:38:49.510 From a patient with.

NOTE Confidence: 0.75235606875

00:38:51.620 --> 00:38:54.404 Patients with stable or

NOTE Confidence: 0.75235606875

00:38:54.404 --> 00:38:57.188 increased platelet count after.

NOTE Confidence: 0.75235606875

00:38:57.190 --> 00:38:58.354 The first vaccine,

NOTE Confidence: 0.75235606875

00:38:58.354 --> 00:39:00.682 so that was those 43 patients,

NOTE Confidence: 0.75235606875

00:39:00.690 --> 00:39:05.186 and after those number 26 patients have

NOTE Confidence: 0.75235606875

00:39:05.186 --> 00:39:08.610 platelet count, decreased below 30.

NOTE Confidence: 0.75235606875

00:39:08.610 --> 00:39:10.890 So factors that are found not

NOTE Confidence: 0.75235606875

00:39:10.890 --> 00:39:13.045 predictive of estimation were age,

NOTE Confidence: 0.75235606875

00:39:13.045 --> 00:39:14.905 gender, vaccine type and

NOTE Confidence: 0.75235606875

00:39:14.910 --> 00:39:18.250 presence of autoimmune disease.

NOTE Confidence: 0.75235606875

00:39:18.250 --> 00:39:20.620 They actually had access to two

NOTE Confidence: 0.75235606875

00:39:20.620 --> 00:39:22.949 surveys and they sort of tried.

NOTE Confidence: 0.75235606875

00:39:22.950 --> 00:39:26.160 They tried to validate their findings

NOTE Confidence: 0.75235606875

00:39:26.160 --> 00:39:30.584 and they they looked into these surveys.

NOTE Confidence: 0.75235606875

00:39:30.590 --> 00:39:32.334 These are two surveys.

NOTE Confidence: 0.75235606875

00:39:32.334 --> 00:39:34.750 One is from a base in the United States,

NOTE Confidence: 0.75235606875

00:39:34.750 --> 00:39:36.310 one is from UK especially.

NOTE Confidence: 0.75235606875

00:39:36.310 --> 00:39:37.638 They track the track.

NOTE Confidence: 0.76842572

00:39:39.680 --> 00:39:43.678 Similar data. And so they found

NOTE Confidence: 0.76842572

00:39:43.678 --> 00:39:46.752 that in indeed in patients who

NOTE Confidence: 0.76842572

00:39:46.752 --> 00:39:50.280 had platelet count decreased.

NOTE Confidence: 0.76842572

00:39:50.280 --> 00:39:51.660 There were a lot more

NOTE Confidence: 0.76842572

00:39:51.660 --> 00:39:54.470 people with splenectomy.

NOTE Confidence: 0.76842572

00:39:54.470 --> 00:39:57.320 And then when they looked

NOTE Confidence: 0.76842572

00:39:57.320 --> 00:39:59.600 into your CTP cohort.

NOTE Confidence: 0.76842572

00:39:59.600 --> 00:40:02.685 Also survey based they found

NOTE Confidence: 0.76842572

00:40:02.685 --> 00:40:05.770 sort of breakdown of similar.

NOTE Confidence: 0.76842572

00:40:05.770 --> 00:40:07.406 Similar breakdown of decreased

NOTE Confidence: 0.76842572

00:40:07.406 --> 00:40:09.860 platelets about the third of patients

NOTE Confidence: 0.76842572

00:40:09.860 --> 00:40:11.284 indeed had ITP assassinations,

NOTE Confidence: 0.76842572

00:40:11.284 --> 00:40:13.420 and they also in the same

NOTE Confidence: 0.76842572

00:40:13.492 --> 00:40:15.340 survey found this book to me.

NOTE Confidence: 0.76842572

00:40:15.340 --> 00:40:17.209 Was the shade with a 2 fold

NOTE Confidence: 0.76842572

00:40:17.209 --> 00:40:18.748 increase of risk of decreasing

NOTE Confidence: 0.76842572

00:40:18.748 --> 00:40:20.911 in platelets by more than 50%.

NOTE Confidence: 0.76842572

00:40:20.911 --> 00:40:23.266 So they acknowledged the speed

NOTE Confidence: 0.76842572

00:40:23.266 --> 00:40:25.820 limitaciones that there's no lack of.

NOTE Confidence: 0.76842572

00:40:25.820 --> 00:40:28.580 There's there's no unvaccinated

NOTE Confidence: 0.76842572

00:40:28.580 --> 00:40:30.650 control group 2.

NOTE Confidence: 0.76842572

00:40:30.650 --> 00:40:31.316 To compare,

NOTE Confidence: 0.76842572

00:40:31.316 --> 00:40:32.981 there was a possible selection

NOTE Confidence: 0.76842572

00:40:32.981 --> 00:40:34.588 bias because they were following

NOTE Confidence: 0.76842572

00:40:34.588 --> 00:40:36.492 a lot closer to the people who

NOTE Confidence: 0.76842572

00:40:36.492 --> 00:40:40.198 are had refractory GP already.

NOTE Confidence: 0.76842572

00:40:40.200 --> 00:40:41.710 They were they didn't account

NOTE Confidence: 0.76842572

00:40:41.710 --> 00:40:43.220 for titration for concurrent sort

NOTE Confidence: 0.76842572

00:40:43.270 --> 00:40:44.908 of interventions in terms of how

NOTE Confidence: 0.76842572

00:40:44.908 --> 00:40:46.340 they affect the platelet count,

NOTE Confidence: 0.76842572

00:40:46.340 --> 00:40:48.194 including the titrations of the of

NOTE Confidence: 0.76842572

00:40:48.194 --> 00:40:49.831 the medications of the treatment

NOTE Confidence: 0.76842572

00:40:49.831 --> 00:40:51.877 that the patients were already on,

NOTE Confidence: 0.76842572

00:40:51.880 --> 00:40:54.112 and the technology that the possible

NOTE Confidence: 0.76842572

00:40:54.112 --> 00:40:56.030 overlap between cohort might effect

NOTE Confidence: 0.76842572

00:40:56.030 --> 00:40:57.890 might affect the platelet count,

NOTE Confidence: 0.76842572

00:40:57.890 --> 00:41:00.248 but overall they felt that the

NOTE Confidence: 0.76842572

00:41:00.248 --> 00:41:02.799 major point was that there was

NOTE Confidence: 0.76842572

00:41:02.799 --> 00:41:05.273 no bleeding in refractory TCP

NOTE Confidence: 0.76842572

00:41:05.273 --> 00:41:07.292 in refractory thrombocytopenia.

NOTE Confidence: 0.76842572

00:41:07.292 --> 00:41:09.870 Following vaccination and the major.

NOTE Confidence: 0.7417165027

00:41:12.180 --> 00:41:13.686 .0 there was like if it's

NOTE Confidence: 0.7417165027

00:41:13.686 --> 00:41:14.690 if it's a splenectomy.

NOTE Confidence: 0.7417165027

00:41:14.690 --> 00:41:15.695 Patients follow closer.

NOTE Confidence: 0.7417165027

00:41:15.695 --> 00:41:17.035 If it's a patient,

NOTE Confidence: 0.7417165027

00:41:17.040 --> 00:41:18.548 were the difficult control

NOTE Confidence: 0.7417165027

00:41:18.548 --> 00:41:20.056 ITP or heavily pretreated.

NOTE Confidence: 0.7417165027

00:41:20.060 --> 00:41:21.029 Follow them closer.

NOTE Confidence: 0.794892965

00:41:23.240 --> 00:41:28.412 And so that was main main idea and then

NOTE Confidence: 0.794892965

00:41:28.412 --> 00:41:30.879 in a sort of in the in the in the post

NOTE Confidence: 0.794892965

00:41:30.880 --> 00:41:33.736 in a additional question sort of session

NOTE Confidence: 0.794892965

00:41:33.740 --> 00:41:35.052 following the abstract presentation.

NOTE Confidence: 0.794892965

00:41:35.052 --> 00:41:37.756 Somebody was asking, how would you counsel

NOTE Confidence: 0.794892965

00:41:37.756 --> 00:41:40.330 consultations and who actually did not,

NOTE Confidence: 0.794892965

00:41:40.330 --> 00:41:42.616 perhaps did not who I had

NOTE Confidence: 0.794892965

00:41:42.620 --> 00:41:43.840 from Selena after the first.

NOTE Confidence: 0.794892965

00:41:43.840 --> 00:41:45.340 Actually would you, you know,

NOTE Confidence: 0.794892965

00:41:45.340 --> 00:41:48.308 give the second vaccine, and so the

NOTE Confidence: 0.794892965

00:41:48.308 --> 00:41:52.250 presenter actually said that she usually.

NOTE Confidence: 0.794892965

00:41:52.250 --> 00:41:54.250 She would actually recommend

NOTE Confidence: 0.794892965

00:41:54.250 --> 00:41:56.069 but with close observation.

NOTE Confidence: 0.794892965

00:41:56.069 --> 00:41:58.302 Alright, so moving on to the second

NOTE Confidence: 0.794892965

00:41:58.302 --> 00:42:00.690 one so the second study was similar.

NOTE Confidence: 0.794892965

00:42:00.690 --> 00:42:02.979 In fact, they just followed one another.

NOTE Confidence: 0.794892965

00:42:02.980 --> 00:42:05.220 This one is from.

NOTE Confidence: 0.794892965

00:42:05.220 --> 00:42:07.260 Dutch study the benefit of this

NOTE Confidence: 0.794892965

00:42:07.260 --> 00:42:09.120 study was a prospective cohort,

NOTE Confidence: 0.794892965

00:42:09.120 --> 00:42:11.316 but the question was fairly similar

NOTE Confidence: 0.794892965

00:42:11.316 --> 00:42:13.752 to what happens in patients with

NOTE Confidence: 0.794892965

00:42:13.752 --> 00:42:15.992 ITP with pre-existing ITP when

NOTE Confidence: 0.794892965

00:42:15.992 --> 00:42:17.950 they receive COVID-19 vaccine.

NOTE Confidence: 0.794892965

00:42:17.950 --> 00:42:21.046 This study had a control arm.

NOTE Confidence: 0.794892965

00:42:21.050 --> 00:42:24.384 It had about a similar twice

NOTE Confidence: 0.794892965

00:42:24.384 --> 00:42:26.316 as much patients,

NOTE Confidence: 0.794892965

00:42:26.316 --> 00:42:29.179 218 in about the same number of 200.

NOTE Confidence: 0.794892965

00:42:29.180 --> 00:42:30.086 Healthy controls.

NOTE Confidence: 0.794892965

00:42:30.086 --> 00:42:33.257 Breakdown of vaccine was a little different,

NOTE Confidence: 0.794892965

00:42:33.260 --> 00:42:35.759 most of them received Moderna that was.

NOTE Confidence: 0.794892965

00:42:35.760 --> 00:42:37.413 Holland come in.

NOTE Confidence: 0.794892965

00:42:37.413 --> 00:42:39.617 All healthy controls received.

NOTE Confidence: 0.794892965

00:42:39.620 --> 00:42:42.380 Moderna 15 patients required

NOTE Confidence: 0.794892965

00:42:42.380 --> 00:42:43.760 rescue treatment.

NOTE Confidence: 0.794892965

00:42:43.760 --> 00:42:47.913 Now this is a breakdown of the treatment

NOTE Confidence: 0.794892965

00:42:47.913 --> 00:42:52.554 that patients were received or were on.

NOTE Confidence: 0.794892965

00:42:52.560 --> 00:42:55.395 So quite a number were on steroids

NOTE Confidence: 0.794892965

00:42:55.395 --> 00:42:58.542 in at a time and then also

NOTE Confidence: 0.794892965

00:42:58.542 --> 00:43:02.034 about 10% were Hispanic to me,

NOTE Confidence: 0.794892965

00:43:02.040 --> 00:43:04.284 definition of ITP dissertation

NOTE Confidence: 0.794892965

00:43:04.284 --> 00:43:06.528 was fairly the same.

NOTE Confidence: 0.794892965

00:43:06.530 --> 00:43:09.120 In fact, exactly the same.

NOTE Confidence: 0.794892965

00:43:09.120 --> 00:43:12.276 And sorry and So what they?

NOTE Confidence: 0.794892965

00:43:12.280 --> 00:43:15.292 What they found here on the

NOTE Confidence: 0.794892965

00:43:15.292 --> 00:43:19.110 graph below is that the.

NOTE Confidence: 0.794892965

00:43:19.110 --> 00:43:21.935 Both pleasant count in both

NOTE Confidence: 0.794892965

00:43:21.935 --> 00:43:24.195 normal controls and in.

NOTE Confidence: 0.768123773857143

00:43:26.600 --> 00:43:28.356 Patient stated patients actually

NOTE Confidence: 0.768123773857143

00:43:28.356 --> 00:43:30.551 decreased and they I believe

NOTE Confidence: 0.768123773857143

00:43:30.551 --> 00:43:33.052 they said it's decreased by 6.3%

NOTE Confidence: 0.768123773857143

00:43:33.052 --> 00:43:35.894 in both in both in both groups,

NOTE Confidence: 0.768123773857143

00:43:35.894 --> 00:43:37.322 so they didn't really feel there

NOTE Confidence: 0.768123773857143

00:43:37.322 --> 00:43:38.797 was a difference in reduction,

NOTE Confidence: 0.768123773857143

00:43:38.800 --> 00:43:41.218 but they both platelets

NOTE Confidence: 0.768123773857143

00:43:41.218 --> 00:43:43.708 in both groups went down.

NOTE Confidence: 0.728743277777778

00:43:45.740 --> 00:43:49.214 In fact, this is the better image of that.

NOTE Confidence: 0.851011732

00:43:53.500 --> 00:43:55.230 And so they further look

NOTE Confidence: 0.851011732

00:43:55.230 --> 00:43:56.960 into risk factors as well.

NOTE Confidence: 0.851011732

00:43:56.960 --> 00:43:59.564 And here they found interesting piece

NOTE Confidence: 0.851011732

00:43:59.564 --> 00:44:02.610 which is a contradicts the previous study.

NOTE Confidence: 0.851011732

00:44:02.610 --> 00:44:05.130 They found that split me actually was

NOTE Confidence: 0.851011732

00:44:05.130 --> 00:44:07.230 associated with increase of platelets,

NOTE Confidence: 0.851011732

00:44:07.230 --> 00:44:10.240 quite substantial cruise of platelets.

NOTE Confidence: 0.851011732

00:44:10.240 --> 00:44:14.585 And a current treatment was associated

NOTE Confidence: 0.851011732

00:44:14.585 --> 00:44:17.915 with a decrease of platelets and.

NOTE Confidence: 0.851011732

00:44:17.920 --> 00:44:21.376 Age was associated with small decrease

NOTE Confidence: 0.851011732

00:44:21.380 --> 00:44:23.148 in platelets following vaccinations.

NOTE Confidence: 0.723092663333333

00:44:25.350 --> 00:44:28.365 So this is again sort of a tally that

NOTE Confidence: 0.723092663333333

00:44:28.370 --> 00:44:31.138 3030 patients developing masturbations

NOTE Confidence: 0.723092663333333

00:44:31.138 --> 00:44:33.906 15 required rescue treatment.

NOTE Confidence: 0.723092663333333

00:44:33.910 --> 00:44:36.190 The bleeding they did report bleeding,

NOTE Confidence: 0.723092663333333

00:44:36.190 --> 00:44:39.502 and interestingly enough and and in

NOTE Confidence: 0.723092663333333

00:44:39.502 --> 00:44:43.112 a post in a in a in a in a question

NOTE Confidence: 0.723092663333333

00:44:43.112 --> 00:44:45.629 period they were asked about this,

NOTE Confidence: 0.723092663333333

00:44:45.630 --> 00:44:48.174 so all the five bleeding episodes

NOTE Confidence: 0.723092663333333

00:44:48.174 --> 00:44:50.362 happened in patients with platelet

NOTE Confidence: 0.723092663333333

00:44:50.362 --> 00:44:52.499 count of higher than 100,000.

NOTE Confidence: 0.723092663333333

00:44:52.499 --> 00:44:56.251 And in fact one patient who had a

NOTE Confidence: 0.723092663333333

00:44:56.251 --> 00:44:58.020 fatal fatal gastrointestinal bleeding

NOTE Confidence: 0.723092663333333

00:44:58.020 --> 00:45:00.150 also had platelet count of 100.

NOTE Confidence: 0.723092663333333

00:45:00.150 --> 00:45:04.820 So their answer was that it's.

NOTE Confidence: 0.723092663333333

00:45:04.820 --> 00:45:06.476 It was not related to vaccination at all,

NOTE Confidence: 0.723092663333333

00:45:06.480 --> 00:45:07.185 it was comorbidities,

NOTE Confidence: 0.723092663333333

00:45:07.185 --> 00:45:08.830 and in fact in the patients who

NOTE Confidence: 0.723092663333333

00:45:08.881 --> 00:45:10.260 had a GI bleed fatal jab bleed,

NOTE Confidence: 0.723092663333333

00:45:10.260 --> 00:45:14.916 it was a severe liver disease.

NOTE Confidence: 0.723092663333333

00:45:14.920 --> 00:45:17.256 Few patients require transfusions

NOTE Confidence: 0.723092663333333

00:45:17.256 --> 00:45:19.008 over plated or.

NOTE Confidence: 0.723092663333333

00:45:19.010 --> 00:45:21.677 It helps so the conclusions here is,

NOTE Confidence: 0.723092663333333

00:45:21.680 --> 00:45:23.430 it's actually kind of similar.

NOTE Confidence: 0.723092663333333

00:45:23.430 --> 00:45:25.890 The effect of code in vaccination

NOTE Confidence: 0.723092663333333

00:45:25.890 --> 00:45:28.456 is similar in health in healthy

NOTE Confidence: 0.723092663333333

00:45:28.456 --> 00:45:30.308 controls and ITP patients.

NOTE Confidence: 0.723092663333333

00:45:30.310 --> 00:45:31.782 Dissertations were only a

NOTE Confidence: 0.723092663333333

00:45:31.782 --> 00:45:33.622 few very few ITP patients.

NOTE Confidence: 0.723092663333333

00:45:33.630 --> 00:45:36.085 There was a good response

NOTE Confidence: 0.723092663333333

00:45:36.085 --> 00:45:37.558 to rescue treatment.

NOTE Confidence: 0.723092663333333

00:45:37.560 --> 00:45:40.332 And essentially vaccination is safe and

NOTE Confidence: 0.723092663333333

00:45:40.332 --> 00:45:43.039 monitoring is advised and is actually

NOTE Confidence: 0.723092663333333

00:45:43.040 --> 00:45:46.820 was recommended by ASH guidelines.

NOTE Confidence: 0.723092663333333

00:45:46.820 --> 00:45:49.092 Come and this is sort of the additional

NOTE Confidence: 0.723092663333333

00:45:49.092 --> 00:45:50.560 questions that they were asked.

NOTE Confidence: 0.723092663333333

00:45:50.560 --> 00:45:52.205 Somebody asked whether they check

NOTE Confidence: 0.723092663333333

00:45:52.205 --> 00:45:53.850 for platelet antibodies and they

NOTE Confidence: 0.723092663333333

00:45:53.905 --> 00:45:55.897 said they did not evaluate for

NOTE Confidence: 0.723092663333333

00:45:55.897 --> 00:45:56.893 platelet antibodies directly,

NOTE Confidence: 0.723092663333333

00:45:56.900 --> 00:46:00.675 but but there's no association with

NOTE Confidence: 0.723092663333333

00:46:00.675 --> 00:46:05.580 high levels in health healthy controls.

NOTE Confidence: 0.723092663333333

00:46:05.580 --> 00:46:05.911 So,

NOTE Confidence: 0.723092663333333

00:46:05.911 --> 00:46:08.890 so I want to just finish up with this

NOTE Confidence: 0.723092663333333

00:46:08.971 --> 00:46:13.940 third study, which is which is also.

NOTE Confidence: 0.723092663333333

00:46:13.940 --> 00:46:15.116 ITP related studying.

NOTE Confidence: 0.723092663333333

00:46:15.116 --> 00:46:15.900 In fact,

NOTE Confidence: 0.723092663333333

00:46:15.900 --> 00:46:20.152 this is an interesting trial about use

NOTE Confidence: 0.723092663333333

00:46:20.152 --> 00:46:24.744 of BTK inhibitor will support NIP in.

NOTE Confidence: 0.723092663333333

00:46:24.750 --> 00:46:26.630 A refractory relapsed ITP's.

NOTE Confidence: 0.723092663333333

00:46:26.630 --> 00:46:30.588 The premise of the of the of the trial

NOTE Confidence: 0.723092663333333

00:46:30.590 --> 00:46:33.164 was was I think it was five for face,

NOTE Confidence: 0.723092663333333

00:46:33.170 --> 00:46:33.471 face,

NOTE Confidence: 0.723092663333333

00:46:33.471 --> 00:46:34.073 one face,

NOTE Confidence: 0.723092663333333

00:46:34.073 --> 00:46:36.600 two sort of update on on on the

NOTE Confidence: 0.723092663333333

00:46:36.600 --> 00:46:38.350 phase one phase two trial.

NOTE Confidence: 0.723092663333333

00:46:38.350 --> 00:46:40.822 The the premise was that pertain

NOTE Confidence: 0.723092663333333

00:46:40.822 --> 00:46:43.967 inhibitors modulate quite a bit of a quite

NOTE Confidence: 0.723092663333333

00:46:43.967 --> 00:46:46.109 a number of different effector cells.

NOTE Confidence: 0.723092663333333

00:46:46.110 --> 00:46:48.938 B cells and macrophages.

NOTE Confidence: 0.723092663333333

00:46:48.940 --> 00:46:52.192 Then also signaling signaling of the

NOTE Confidence: 0.723092663333333

00:46:52.192 --> 00:46:54.945 basilar receptor and inhibitors decrease

NOTE Confidence: 0.723092663333333

00:46:54.945 --> 00:46:58.594 our reactive antibodies in so there's a.

NOTE Confidence: 0.723092663333333

00:46:58.594 --> 00:47:00.779 There's an interest in evaluating

NOTE Confidence: 0.723092663333333

00:47:00.779 --> 00:47:03.880 this group of class of medications.

NOTE Confidence: 0.723092663333333

00:47:03.880 --> 00:47:05.758 Class of drugs in it P.

NOTE Confidence: 0.723092663333333

00:47:05.760 --> 00:47:07.080 And specifically.

NOTE Confidence: 0.723092663333333

00:47:07.080 --> 00:47:11.700 While I'm really Brittany was chosen because.

NOTE Confidence: 0.723092663333333

00:47:11.700 --> 00:47:13.428 Is believed to be very selective,

NOTE Confidence: 0.723092663333333

00:47:13.430 --> 00:47:15.785 so out of different kinases

NOTE Confidence: 0.723092663333333

00:47:15.785 --> 00:47:17.669 it's it's pretty selective.

NOTE Confidence: 0.723092663333333

00:47:17.670 --> 00:47:23.320 It inhibits quite quite nicely, but.

NOTE Confidence: 0.723092663333333

00:47:23.320 --> 00:47:27.060 But not others, rather occupy.

NOTE Confidence: 0.723092663333333

00:47:27.060 --> 00:47:29.160 Target potentially, but not others.

NOTE Confidence: 0.723092663333333

00:47:29.160 --> 00:47:32.190 It's quite reversible.

NOTE Confidence: 0.723092663333333

00:47:32.190 --> 00:47:34.626 And why not in Britain for instance?

NOTE Confidence: 0.723092663333333

00:47:34.630 --> 00:47:35.110 Well,

NOTE Confidence: 0.723092663333333

00:47:35.110 --> 00:47:37.030 so there's association of

NOTE Confidence: 0.723092663333333

00:47:37.030 --> 00:47:38.950 play legation with liberty,

NOTE Confidence: 0.723092663333333

00:47:38.950 --> 00:47:42.440 but not as shown here when.

NOTE Confidence: 0.763151872857143

00:47:44.840 --> 00:47:47.936 Was tested against collagen

NOTE Confidence: 0.763151872857143

00:47:47.936 --> 00:47:51.130 so much much. He come.

NOTE Confidence: 0.592017207142857

00:47:53.710 --> 00:47:55.612 Specially associated with

NOTE Confidence: 0.592017207142857

00:47:55.612 --> 00:47:58.148 aggregation more than rules.

NOTE Confidence: 0.592017207142857

00:47:58.150 --> 00:48:01.072 So the trial instant criteria was

NOTE Confidence: 0.592017207142857

00:48:01.072 --> 00:48:03.442 fairly straightforward, its response.

NOTE Confidence: 0.592017207142857

00:48:03.442 --> 00:48:05.864 It's essentially adults response.

NOTE Confidence: 0.592017207142857

00:48:05.864 --> 00:48:08.870 They have to have at least had to have

NOTE Confidence: 0.592017207142857

00:48:08.949 --> 00:48:11.805 at least response to one prior treatment,

NOTE Confidence: 0.592017207142857

00:48:11.810 --> 00:48:14.060 and there's no other available

NOTE Confidence: 0.592017207142857

00:48:14.060 --> 00:48:16.310 to them or not approved.

NOTE Confidence: 0.592017207142857

00:48:16.310 --> 00:48:19.126 And there should be at least two platelet

NOTE Confidence: 0.592017207142857

00:48:19.126 --> 00:48:22.238 count less than 30 thirty thousand

NOTE Confidence: 0.592017207142857

00:48:22.238 --> 00:48:25.502 brother on 2 occasions and concurrent

NOTE Confidence: 0.592017207142857

00:48:25.502 --> 00:48:28.470 therapists were allowed, including.

NOTE Confidence: 0.592017207142857

00:48:28.470 --> 00:48:29.766 Storage entity arrays.

NOTE Confidence: 0.592017207142857

00:48:29.766 --> 00:48:33.660 There was a dose escalation as a phase one,

NOTE Confidence: 0.592017207142857

00:48:33.660 --> 00:48:35.501 but in kind of a phase two

NOTE Confidence: 0.592017207142857

00:48:35.501 --> 00:48:38.208 phase of it part of it they use

NOTE Confidence: 0.592017207142857

00:48:38.208 --> 00:48:39.684 actually 400 milligrams VID,

NOTE Confidence: 0.592017207142857

00:48:39.690 --> 00:48:42.010 which I'll show soon.

NOTE Confidence: 0.592017207142857

00:48:42.010 --> 00:48:44.910 Primary in point was essentially.

NOTE Confidence: 0.592017207142857

00:48:44.910 --> 00:48:47.480 Account of greater than 50,000

NOTE Confidence: 0.592017207142857

00:48:47.480 --> 00:48:50.050 on two occasion at least,

NOTE Confidence: 0.592017207142857

00:48:50.050 --> 00:48:53.842 and an increase of 2020 thousand of the

NOTE Confidence: 0.592017207142857

00:48:53.842 --> 00:48:56.990 baseline without use of rescue medication.

NOTE Confidence: 0.592017207142857

00:48:56.990 --> 00:48:59.503 And they actually had a long term

NOTE Confidence: 0.592017207142857

00:48:59.503 --> 00:49:01.970 extension also for 400 milligrams PID.

NOTE Confidence: 0.592017207142857

00:49:01.970 --> 00:49:04.000 And so here's what happened.

NOTE Confidence: 0.592017207142857

00:49:04.000 --> 00:49:07.426 So this is kind of a overall study diagram,

NOTE Confidence: 0.592017207142857

00:49:07.426 --> 00:49:11.249 so this is the 400 the ID group.

NOTE Confidence: 0.592017207142857

00:49:11.249 --> 00:49:12.964 So this is 45 patients.

NOTE Confidence: 0.592017207142857

00:49:12.970 --> 00:49:16.954 And so here's the results.

NOTE Confidence: 0.592017207142857

00:49:16.954 --> 00:49:20.750 So out of this 4518 that is 40% reached

NOTE Confidence: 0.592017207142857

00:49:20.750 --> 00:49:22.630 the primary endpoint so greater

NOTE Confidence: 0.592017207142857

00:49:22.706 --> 00:49:24.855 than 50 in with 20 greater than.

NOTE Confidence: 0.80177619

00:49:27.840 --> 00:49:31.248 50% fifty thousand increase.

NOTE Confidence: 0.80177619

00:49:31.250 --> 00:49:34.502 Sorry, greater than 50,000 platelet count

NOTE Confidence: 0.80177619

00:49:34.502 --> 00:49:36.586 increased 20,000 from the baseline,

NOTE Confidence: 0.80177619

00:49:36.586 --> 00:49:39.234 so that's 18 patients reached that end

NOTE Confidence: 0.80177619

00:49:39.234 --> 00:49:42.410 point and it was very rapid improvement,

NOTE Confidence: 0.80177619

00:49:42.410 --> 00:49:44.546 so this is it's probably hard to see.

NOTE Confidence: 0.80177619

00:49:44.550 --> 00:49:47.700 But this is days and so within,

NOTE Confidence: 0.80177619

00:49:47.700 --> 00:49:49.206 you know this is actually 20.

NOTE Confidence: 0.80177619

00:49:49.210 --> 00:49:52.208 I think it's 25 or 29 days,

NOTE Confidence: 0.80177619

00:49:52.208 --> 00:49:53.936 so it's a really rapid improvement

NOTE Confidence: 0.80177619

00:49:53.936 --> 00:49:55.350 and it's actually sustained.

NOTE Confidence: 0.80177619

00:49:55.350 --> 00:49:58.190 And of course these are not responders and

NOTE Confidence: 0.80177619

00:49:58.190 --> 00:50:01.260 you can see here that this is sort of a.

NOTE Confidence: 0.80177619

00:50:01.260 --> 00:50:03.290 Better.

NOTE Confidence: 0.80177619

00:50:03.290 --> 00:50:05.354 Way to assess sort of duration of response.

NOTE Confidence: 0.80177619

00:50:05.360 --> 00:50:07.810 So this is greater than 30 number

NOTE Confidence: 0.80177619

00:50:07.810 --> 00:50:09.707 of number of weeks achieved

NOTE Confidence: 0.80177619

00:50:09.707 --> 00:50:13.400 in 20 and then 15 and 14.

NOTE Confidence: 0.77861778

00:50:15.470 --> 00:50:18.599 So then, whoops.

NOTE Confidence: 0.885930590909091

00:50:20.760 --> 00:50:22.860 And so they made a point

NOTE Confidence: 0.885930590909091

00:50:22.860 --> 00:50:24.800 that it's indeed very rapid,

NOTE Confidence: 0.885930590909091

00:50:24.800 --> 00:50:28.412 very rapid increase in fact,

NOTE Confidence: 0.885930590909091

00:50:28.412 --> 00:50:31.268 median time to greater than 30,000

NOTE Confidence: 0.885930590909091

00:50:31.270 --> 00:50:34.660 level was achieved in 8.5 days

NOTE Confidence: 0.885930590909091

00:50:34.660 --> 00:50:37.310 greater than 30,000 + 20,000 above

NOTE Confidence: 0.885930590909091

00:50:37.310 --> 00:50:39.210 the baseline in basically 12

NOTE Confidence: 0.885930590909091

00:50:39.210 --> 00:50:41.496 days in greater than 50,000 play

NOTE Confidence: 0.885930590909091

00:50:41.496 --> 00:50:43.680 account in just about the same

NOTE Confidence: 0.885930590909091

00:50:43.680 --> 00:50:45.857 12.5 days and median time for the

NOTE Confidence: 0.885930590909091

00:50:45.857 --> 00:50:47.659 primary response was about a month,

NOTE Confidence: 0.885930590909091

00:50:47.660 --> 00:50:50.670 so it's very very rapid.

NOTE Confidence: 0.885930590909091

00:50:50.670 --> 00:50:53.736 And then they also showed the.

NOTE Confidence: 0.885930590909091

00:50:53.740 --> 00:50:57.534 What happened in this long long extension?

NOTE Confidence: 0.885930590909091

00:50:57.540 --> 00:50:59.252 Arms, so to speak,

NOTE Confidence: 0.885930590909091

00:50:59.252 --> 00:51:01.820 and they said that it's basically

NOTE Confidence: 0.885930590909091

00:51:01.820 --> 00:51:04.688 it was quite robust.

NOTE Confidence: 0.822417785555555

00:51:08.300 --> 00:51:09.752 Especially it's a.

NOTE Confidence: 0.822417785555555

00:51:09.752 --> 00:51:12.656 It's a maintain the maintained the

NOTE Confidence: 0.822417785555555

00:51:12.660 --> 00:51:16.656 response alright and then adverse effects.

NOTE Confidence: 0.822417785555555

00:51:16.660 --> 00:51:19.331 Basically it's all grade one grade,

NOTE Confidence: 0.822417785555555

00:51:19.331 --> 00:51:22.097 one grade, two diarrhea and nausea,

NOTE Confidence: 0.822417785555555

00:51:22.100 --> 00:51:24.920 fatigue. And again this is all

NOTE Confidence: 0.822417785555555

00:51:24.920 --> 00:51:27.379 about 400 milligrams twice a day,

NOTE Confidence: 0.822417785555555

00:51:27.380 --> 00:51:31.046 so conclusions. Mr.

NOTE Confidence: 0.822417785555555

00:51:31.046 --> 00:51:32.018 Bracnet provides.

NOTE Confidence: 0.73578703

00:51:34.220 --> 00:51:38.990 Inhibition of phagocytosis.

NOTE Confidence: 0.73578703

00:51:38.990 --> 00:51:41.822 And 40% of patients on 400

NOTE Confidence: 0.73578703

00:51:41.822 --> 00:51:43.710 milligram VID achieved endpoint

NOTE Confidence: 0.73578703

00:51:43.801 --> 00:51:46.406 primary endpoint at 18 patients.

NOTE Confidence: 0.73578703

00:51:46.410 --> 00:51:50.430 Response was rapid and was well

NOTE Confidence: 0.73578703

00:51:50.430 --> 00:51:53.432 tolerated and response was maintained.

NOTE Confidence: 0.73578703

00:51:53.432 --> 00:51:54.720 So there's open going

NOTE Confidence: 0.73578703

00:51:54.720 --> 00:51:56.330 face the Luna three trial,

NOTE Confidence: 0.73578703

00:51:56.330 --> 00:52:00.950 which further will address this.

NOTE Confidence: 0.73578703

00:52:00.950 --> 00:52:05.572 This this modality in additional questions.

NOTE Confidence: 0.73578703

00:52:05.572 --> 00:52:07.636 I think there was nothing really

NOTE Confidence: 0.73578703

00:52:07.636 --> 00:52:08.630 particularly interesting,

NOTE Confidence: 0.73578703

00:52:08.630 --> 00:52:10.130 but they said there's no,

NOTE Confidence: 0.73578703

00:52:10.130 --> 00:52:13.970 nobody, nobody was on any.

NOTE Confidence: 0.73578703

00:52:13.970 --> 00:52:15.740 Antibiotic prophylaxis and

NOTE Confidence: 0.73578703

00:52:15.740 --> 00:52:18.100 there was no infections.

NOTE Confidence: 0.73578703

00:52:18.100 --> 00:52:20.278 So I think in interest of time I finish,

NOTE Confidence: 0.73578703

00:52:20.280 --> 00:52:23.418 I stop here.

NOTE Confidence: 0.73578703

00:52:23.420 --> 00:52:25.080 If we have some questions, well,

NOTE Confidence: 0.932399030769231

00:52:25.090 --> 00:52:27.466 thank you all very much for those very

NOTE Confidence: 0.932399030769231

00:52:27.466 --> 00:52:29.499 informative and very clear presentations.

NOTE Confidence: 0.903285578

00:52:31.650 --> 00:52:33.000 If people do have questions,

NOTE Confidence: 0.903285578

00:52:33.000 --> 00:52:35.440 if they could put them in the chat

NOTE Confidence: 0.903285578

00:52:35.440 --> 00:52:37.409 that there are a couple there.

NOTE Confidence: 0.903285578

00:52:37.410 --> 00:52:39.408 Maybe we can start with those.

NOTE Confidence: 0.903285578

00:52:39.410 --> 00:52:40.742 So I'm Kelsey.

NOTE Confidence: 0.903285578

00:52:40.742 --> 00:52:43.406 You mentioned in your abstract with

NOTE Confidence: 0.903285578

00:52:43.406 --> 00:52:46.429 factor 11 deficiency that some patients

NOTE Confidence: 0.903285578

00:52:46.430 --> 00:52:50.330 bled despite getting fresh frozen plasma.

NOTE Confidence: 0.903285578

00:52:50.330 --> 00:52:52.124 What what might be some alternatives

NOTE Confidence: 0.903285578

00:52:52.124 --> 00:52:53.320 to treat those individuals?

NOTE Confidence: 0.903285578

00:52:53.320 --> 00:52:55.088 Or do you have any any thoughts about

NOTE Confidence: 0.903285578

00:52:55.088 --> 00:52:56.797 why those people still had bleeding?

NOTE Confidence: 0.904679545384615

00:52:58.370 --> 00:52:59.423 Yeah, it's interesting.

NOTE Confidence: 0.904679545384615

00:52:59.423 --> 00:53:02.659 I mean the half life of factor 11 is long.

NOTE Confidence: 0.904679545384615

00:53:02.660 --> 00:53:04.095 I think about two days or so,

NOTE Confidence: 0.904679545384615

00:53:04.100 --> 00:53:05.612 and so it's it's.

NOTE Confidence: 0.904679545384615

00:53:05.612 --> 00:53:07.334 It's intriguing, but I think something

NOTE Confidence: 0.904679545384615

00:53:07.334 --> 00:53:08.539 we've all experienced in practice.

NOTE Confidence: 0.904679545384615

00:53:08.540 --> 00:53:10.020 I think that may happen,

NOTE Confidence: 0.904679545384615

00:53:10.020 --> 00:53:12.440 perhaps just the quantity effect

NOTE Confidence: 0.904679545384615

00:53:12.440 --> 00:53:14.860 or Lebanon is not concentrated.

NOTE Confidence: 0.904679545384615

00:53:14.860 --> 00:53:16.570 You know, you never maybe know

NOTE Confidence: 0.904679545384615

00:53:16.570 --> 00:53:18.259 exactly what you're getting in the FP,

NOTE Confidence: 0.904679545384615

00:53:18.260 --> 00:53:19.752 and maybe one element.

NOTE Confidence: 0.904679545384615

00:53:19.752 --> 00:53:21.660 And I, you know there are

NOTE Confidence: 0.904679545384615

00:53:21.660 --> 00:53:22.820 cases reported of inhibitors,

NOTE Confidence: 0.904679545384615

00:53:22.820 --> 00:53:24.105 so perhaps some of those

NOTE Confidence: 0.904679545384615

00:53:24.105 --> 00:53:25.133 patients that didn't respond,

NOTE Confidence: 0.904679545384615

00:53:25.140 --> 00:53:27.690 maybe inhibitors.

NOTE Confidence: 0.904679545384615

00:53:27.690 --> 00:53:32.926 I think that I think Novoseven could be used,

NOTE Confidence: 0.904679545384615

00:53:32.930 --> 00:53:34.372 but I think with caution and maybe

NOTE Confidence: 0.904679545384615

00:53:34.372 --> 00:53:36.122 at a lower dose or maybe particularly

NOTE Confidence: 0.904679545384615

00:53:36.122 --> 00:53:37.742 in someone who had an inhibitor.

NOTE Confidence: 0.904679545384615

00:53:37.750 --> 00:53:39.294 I think there would be a role there,

NOTE Confidence: 0.904679545384615

00:53:39.300 --> 00:53:41.974 and then maybe sort of leaning more

NOTE Confidence: 0.904679545384615

00:53:41.974 --> 00:53:44.102 heavily on anti fibrinolytics might

NOTE Confidence: 0.904679545384615

00:53:44.102 --> 00:53:47.956 be useful, but I mean I think it's.

NOTE Confidence: 0.904679545384615

00:53:47.960 --> 00:53:50.452 A challenge we've all seen and experienced

NOTE Confidence: 0.904679545384615

00:53:50.452 --> 00:53:52.589 that sometimes is hard to pinpoint.

NOTE Confidence: 0.904679545384615

00:53:52.590 --> 00:53:53.390 It's a great question,

NOTE Confidence: 0.798709166

00:53:53.740 --> 00:53:54.988 great, thank you.

NOTE Confidence: 0.798709166

00:53:54.988 --> 00:53:56.880 Thank you and and Sudan shoe. You.

NOTE Confidence: 0.798709166

00:53:56.880 --> 00:53:58.752 You mentioned that there was an

NOTE Confidence: 0.798709166

00:53:58.752 --> 00:54:00.484 increase in the clinical clinically

NOTE Confidence: 0.798709166

00:54:00.484 --> 00:54:02.620 relevant non major bleeding and

NOTE Confidence: 0.798709166

00:54:02.620 --> 00:54:04.820 individuals who are getting doax

NOTE Confidence: 0.798709166

00:54:04.820 --> 00:54:06.580 for cancer associated thrombosis.

NOTE Confidence: 0.798709166

00:54:06.580 --> 00:54:08.500 So when when you prescribe either

NOTE Confidence: 0.798709166

00:54:08.500 --> 00:54:10.218 a low molecular weight heparin

NOTE Confidence: 0.798709166

00:54:10.218 --> 00:54:12.822 orado act to a patient with cancer

NOTE Confidence: 0.798709166

00:54:12.822 --> 00:54:14.404 associated thrombosis, how do you?

NOTE Confidence: 0.798709166

00:54:14.404 --> 00:54:15.238 How do you?

NOTE Confidence: 0.769428

00:54:17.290 --> 00:54:19.210 Decide on the benefits, risks there,

NOTE Confidence: 0.769428

00:54:19.210 --> 00:54:20.390 and what what agents do.

NOTE Confidence: 0.769428

00:54:20.390 --> 00:54:21.587 You tend to choose and are there.

NOTE Confidence: 0.769428

00:54:21.590 --> 00:54:23.090 Are there things about the

NOTE Confidence: 0.769428

00:54:23.090 --> 00:54:24.432 patient that may point you

NOTE Confidence: 0.769428

00:54:24.432 --> 00:54:25.780 in One Direction or another?

NOTE Confidence: 0.733083880363636

00:54:27.840 --> 00:54:30.594 So the clinically relevant non major

NOTE Confidence: 0.733083880363636

00:54:30.594 --> 00:54:33.130 bleeding was really of concern,

NOTE Confidence: 0.733083880363636

00:54:33.130 --> 00:54:34.894 which was higher in doax and

NOTE Confidence: 0.733083880363636

00:54:34.894 --> 00:54:36.740 that has been pretty consistent

NOTE Confidence: 0.733083880363636

00:54:36.740 --> 00:54:38.820 throughout all the six trials.

NOTE Confidence: 0.733083880363636

00:54:38.820 --> 00:54:42.078 So it wasn't just one study.

NOTE Confidence: 0.733083880363636

00:54:42.080 --> 00:54:44.271 And the way it impacts my practice

NOTE Confidence: 0.733083880363636

00:54:44.271 --> 00:54:46.981 is if if I do look at the patient's

NOTE Confidence: 0.733083880363636

00:54:46.981 --> 00:54:48.544 underlying bleeding risk.

NOTE Confidence: 0.733083880363636

00:54:48.544 --> 00:54:51.386 If there isn't an individual where I

NOTE Confidence: 0.733083880363636

00:54:51.386 --> 00:54:53.300 would be more concerned about bleeding,

NOTE Confidence: 0.733083880363636

00:54:53.300 --> 00:54:56.250 perhaps someone who had immediate

NOTE Confidence: 0.733083880363636

00:54:56.250 --> 00:54:57.598 postoperative thrombotic event,

NOTE Confidence: 0.733083880363636

00:54:57.598 --> 00:54:59.872 or perhaps with somebody who's going

NOTE Confidence: 0.733083880363636

00:54:59.872 --> 00:55:02.813 for a surgery or has a known history

NOTE Confidence: 0.733083880363636

00:55:02.813 --> 00:55:04.740 of underlying bleeding or faults.

NOTE Confidence: 0.733083880363636

00:55:04.740 --> 00:55:08.856 I might be more inclined to use

NOTE Confidence: 0.733083880363636

00:55:08.860 --> 00:55:11.060 those individuals rather than doax,

NOTE Confidence: 0.733083880363636

00:55:11.060 --> 00:55:12.747 so that would be my approach and.

NOTE Confidence: 0.733083880363636

00:55:12.750 --> 00:55:14.868 How I would use that information?

NOTE Confidence: 0.733083880363636

00:55:14.870 --> 00:55:15.120 Thank

NOTE Confidence: 0.71389297

00:55:15.130 --> 00:55:17.090 you very much, don't you?

NOTE Confidence: 0.71389297

00:55:17.090 --> 00:55:19.682 And Alex, are there any situations

NOTE Confidence: 0.71389297

00:55:19.682 --> 00:55:22.310 in patients with ITP, and in in,

NOTE Confidence: 0.71389297

00:55:22.310 --> 00:55:26.032 in which you might hold off on giving

NOTE Confidence: 0.71389297

00:55:26.032 --> 00:55:27.740 COVID vaccine COVID-19 vaccine?

NOTE Confidence: 0.71389297

00:55:27.740 --> 00:55:30.410 So individuals who are recently flared

NOTE Confidence: 0.71389297

00:55:30.410 --> 00:55:33.773 or have very low platelet counts and

NOTE Confidence: 0.71389297

00:55:33.773 --> 00:55:35.920 requiring intense therapy, for instance?

NOTE Confidence: 0.813180108

00:55:38.200 --> 00:55:39.892 You know, so this is interesting

NOTE Confidence: 0.813180108

00:55:39.892 --> 00:55:41.998 because the data they really didn't

NOTE Confidence: 0.813180108

00:55:41.998 --> 00:55:43.378 actually include specifically,

NOTE Confidence: 0.813180108

00:55:43.380 --> 00:55:47.370 like they didn't address the question

NOTE Confidence: 0.813180108

00:55:47.370 --> 00:55:50.338 of whether patients who were in right,

NOTE Confidence: 0.813180108

00:55:50.340 --> 00:55:52.926 right, or right now on inactive.

NOTE Confidence: 0.610153234285714

00:55:55.370 --> 00:55:56.606 ITP destinations,

NOTE Confidence: 0.610153234285714

00:55:56.606 --> 00:56:00.254 prior to prior to vaccination. They were.

NOTE Confidence: 0.610153234285714

00:56:00.254 --> 00:56:02.193 They only had patients who were on

NOTE Confidence: 0.610153234285714

00:56:02.193 --> 00:56:04.276 sort of chronic chronic therapy,

NOTE Confidence: 0.610153234285714

00:56:04.276 --> 00:56:09.342 so I I don't think we have data per

NOTE Confidence: 0.610153234285714

00:56:09.342 --> 00:56:12.490 say in that regard, but personally,

NOTE Confidence: 0.610153234285714

00:56:12.490 --> 00:56:17.308 I think if there's a flare actually flare,

NOTE Confidence: 0.610153234285714

00:56:17.310 --> 00:56:19.990 I probably would hold off,

NOTE Confidence: 0.610153234285714

00:56:19.990 --> 00:56:23.390 just not to disturb.

NOTE Confidence: 0.610153234285714

00:56:23.390 --> 00:56:25.060 You know it. You know,

NOTE Confidence: 0.610153234285714

00:56:25.060 --> 00:56:28.168 in in in response further,

NOTE Confidence: 0.610153234285714

00:56:28.168 --> 00:56:30.728 I think it would might what might be

NOTE Confidence: 0.610153234285714

00:56:30.728 --> 00:56:33.003 really interesting is in in this situation

NOTE Confidence: 0.610153234285714

00:56:33.003 --> 00:56:35.687 to address further whether they're truly.

NOTE Confidence: 0.610153234285714

00:56:35.690 --> 00:56:38.770 Uh and antibody platelet antibody,

NOTE Confidence: 0.610153234285714

00:56:38.770 --> 00:56:40.954 which none of them really looked into.

NOTE Confidence: 0.759774240235294

00:56:43.110 --> 00:56:44.699 Great, but but I think I would

NOTE Confidence: 0.759774240235294

00:56:44.699 --> 00:56:46.460 probably hold off until there's some

NOTE Confidence: 0.759774240235294

00:56:46.460 --> 00:56:47.836 stabilization of platelet count.

NOTE Confidence: 0.7916155125

00:56:49.110 --> 00:56:52.600 Seems very prudent. Yep, OK, alright.

NOTE Confidence: 0.7916155125

00:56:52.600 --> 00:56:54.770 Well it's it's just about 1:00 o'clock,

NOTE Confidence: 0.7916155125

00:56:54.770 --> 00:56:58.358 so I want to thank our speakers for again.

NOTE Confidence: 0.7916155125

00:56:58.358 --> 00:56:59.594 Excellent presentation that

NOTE Confidence: 0.7916155125

00:56:59.594 --> 00:57:01.713 were informative and I think

NOTE Confidence: 0.7916155125

00:57:01.713 --> 00:57:03.361 highlighted some really important

NOTE Confidence: 0.7916155125

00:57:03.361 --> 00:57:05.009 areas in classical hematology.

NOTE Confidence: 0.7916155125

00:57:05.010 --> 00:57:07.610 And thank you all for for joining us.

NOTE Confidence: 0.7916155125

00:57:07.610 --> 00:57:08.834 Thank you very much.

NOTE Confidence: 0.7916155125

00:57:08.834 --> 00:57:11.000 Have a great day everyone. I.