

The Clot Shot

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Data Source : Eudra-vigilance

Method : The data was processed to generate Proportional Reporting Ratios for all recorded symptoms of each of the drugs – Vaxzevria, Comirnaty and Spikevax.

I looked at thrombosis symptoms.

Results

Table 1 : Lower Confidence Limit of PRR for each symptom.

(safety signals are shaded in yellow : LCL > 2)

| SYMPTOM | Astrazeneca | Comirnaty | Spikevax |
|------------------------------------|-------------|-----------|----------|
| Administration site thrombosis | 52.68 | 0 | 0 |
| Adrenal thrombosis | 19.26 | 0 | 0 |
| Aneurysm thrombosis | 8.76 | 2.14 | 1.10 |
| Aortic thrombosis | 7.35 | 0 | 0 |
| Application site thrombosis | 7.35 | 1.40 | 1.09 |
| Arterial thrombosis | 6.75 | 1.79 | 0 |
| Arteriovenous fistula thrombosis | 5.48 | 5.80 | 1.40 |
| Arteriovenous graft thrombosis | 5.28 | 3.42 | 1.14 |
| Atrial thrombosis | 5.15 | 0 | 0 |
| Axillary vein thrombosis | 5.07 | 1.72 | 0 |
| Basilar artery thrombosis | 5.06 | 0 | 0 |
| Brachiocephalic vein thrombosis | 4.60 | 2.02 | 0 |
| Brain stem thrombosis | 3.97 | 4.00 | 1.24 |
| Cardiac ventricular thrombosis | 3.86 | 0 | 0 |
| Carotid artery thrombosis | 3.70 | 1.54 | 1.12 |
| Catheter site thrombosis | 3.66 | 1.22 | 0 |
| Cavernous sinus thrombosis | 3.59 | 1.85 | 0 |
| Cerebellar artery thrombosis | 3.16 | 0 | 0 |
| Cerebral artery thrombosis | 3.02 | 0 | 0 |
| Cerebral thrombosis | 2.90 | 1.37 | 0 |
| Cerebral venous sinus thrombosis | 2.90 | 0 | 0 |
| Cerebral venous thrombosis | 2.68 | 1.62 | 0 |
| Coronary artery thrombosis | 2.67 | 0 | 0 |
| Coronary bypass thrombosis | 2.46 | 0 | 0 |
| Deep vein thrombosis | 2.44 | 0 | 0 |
| Deep vein thrombosis postoperative | 2.41 | 1.16 | 1.04 |
| Device related thrombosis | 2.28 | 0 | 0 |

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|---|------|------|------|
| Graft thrombosis | 2.23 | 1.54 | 1.10 |
| Hepatic artery thrombosis | 2.02 | 0 | 0 |
| Hepatic vascular thrombosis | 1.91 | 1.49 | 0 |
| Hepatic vein thrombosis | 1.89 | 0 | 0 |
| Implant site thrombosis | 1.89 | 0 | 0 |
| Infective thrombosis | 1.69 | 0 | 0 |
| Infusion site thrombosis | 1.60 | 0 | 0 |
| Injection site thrombosis | 1.54 | 0 | 0 |
| Intrapericardial thrombosis | 1.44 | 1.67 | 0 |
| Jugular vein thrombosis | 1.43 | 0 | 0 |
| Medical device site thrombosis | 1.32 | 1.59 | 0 |
| Mesenteric artery thrombosis | 1.26 | 0 | 0 |
| Mesenteric vein thrombosis | 0 | 0 | 0 |
| Ophthalmic artery thrombosis | 0 | 0 | 0 |
| Ophthalmic vascular thrombosis | 0 | 0 | 0 |
| Ophthalmic vein thrombosis | 0 | 0 | 0 |
| Ovarian vein thrombosis | 0 | 0 | 0 |
| Paraneoplastic thrombosis | 0 | 0 | 0 |
| Pelvic venous thrombosis | 0 | 0 | 0 |
| Penile vein thrombosis | 0 | 3.40 | 0 |
| Peripheral artery thrombosis | 0 | 0 | 0 |
| Peripheral vein thrombosis | 0 | 1.33 | 0 |
| Portal vein thrombosis | 0 | 0 | 0 |
| Portosplenomesenteric venous thrombosis | 0 | 0 | 0 |
| Postoperative thrombosis | 0 | 0 | 0 |
| Postpartum thrombosis | 0 | 0 | 0 |
| Postpartum venous thrombosis | 0 | 0 | 0 |
| Precerebral artery thrombosis | 0 | 0 | 0 |
| Prosthetic cardiac valve thrombosis | 0 | 0 | 0 |
| Pulmonary artery thrombosis | 0 | 0 | 0 |
| Pulmonary thrombosis | 0 | 0 | 0 |
| Pulmonary venous thrombosis | 0 | 0 | 0 |
| Renal artery thrombosis | 0 | 0 | 0 |
| Renal vascular thrombosis | 0 | 0 | 0 |
| Renal vein thrombosis | 0 | 0 | 0 |
| Retinal artery thrombosis | 0 | 0 | 0 |
| Retinal vascular thrombosis | 0 | 0 | 0 |
| Retinal vein thrombosis | 0 | 0 | 0 |
| Shunt thrombosis | 0 | 2.39 | 0 |
| Sigmoid sinus thrombosis | 0 | 2.41 | 0 |
| Spinal artery thrombosis | 0 | 1.17 | 0 |
| Splenic artery thrombosis | 0 | 0 | 0 |
| Splenic thrombosis | 0 | 1.67 | 0 |
| Splenic vein thrombosis | 0 | 0 | 0 |
| Subclavian artery thrombosis | 0 | 0 | 0 |
| Subclavian vein thrombosis | 0 | 0 | 0 |

| | | | |
|---|---|------|---|
| Superficial vein thrombosis | 0 | 0 | 0 |
| Superior sagittal sinus thrombosis | 0 | 0 | 0 |
| Thrombosis | 0 | 0 | 0 |
| Thrombosis corpora cavernosa | 0 | 0 | 0 |
| Thrombosis in device | 0 | 0 | 0 |
| Thrombosis mesenteric vessel | 0 | 0 | 0 |
| Thrombosis prophylaxis | 0 | 0 | 0 |
| Thrombosis with thrombocytopenia syndrome | 0 | 0 | 0 |
| Transverse sinus thrombosis | 0 | 0 | 0 |
| Truncus coeliacus thrombosis | 0 | 1.18 | 0 |
| Tumour thrombosis | 0 | 0 | 0 |
| Umbilical cord thrombosis | 0 | 0 | 0 |
| Vaccination site thrombosis | 0 | 0 | 0 |
| Vascular access site thrombosis | 0 | 0 | 0 |
| Vascular graft thrombosis | 0 | 0 | 0 |
| Vascular pseudoaneurysm thrombosis | 0 | 0 | 0 |
| Vascular stent thrombosis | 0 | 4.34 | 0 |
| Vena cava thrombosis | 0 | 0 | 0 |
| Venous thrombosis | 0 | 0 | 0 |
| Venous thrombosis in pregnancy | 0 | 0 | 0 |
| Venous thrombosis limb | 0 | 0 | 0 |
| Vertebral artery thrombosis | 0 | 0 | 0 |
| Vessel puncture site thrombosis | 0 | 1.24 | 0 |
| Visceral venous thrombosis | 0 | 0 | 0 |

Here are the results for thrombocytopenia.

| SYMPTOM | VAXZEVRIA | COMIRNATY | SPIKEVAX |
|---|-------------|-------------|----------|
| Acquired amegakaryocytic thrombocytopenia | 0 | 0 | 0 |
| Thrombosis with thrombocytopenia syndrome | 52.67914327 | 0 | 0 |
| Amegakaryocytic thrombocytopenia | 0 | 0 | 0 |
| Autoimmune heparin-induced thrombocytopenia | 0 | 0 | 0 |
| Haemangioma-thrombocytopenia syndrome | 0 | 0 | 0 |
| Heparin-induced thrombocytopenia | 0 | 0 | 0 |
| Heparin-induced thrombocytopenia test | 0 | 0 | 0 |
| Heparin-induced thrombocytopenia test positive | 24.6515926 | 0 | 0 |
| Immune thrombocytopenia | 2.345558546 | 1.025197562 | 0 |
| Neonatal alloimmune thrombocytopenia | 0 | 0 | 0 |
| Non-immune heparin associated thrombocytopenia | 0 | 0 | 0 |
| Severe fever with thrombocytopenia syndrome | 0 | 0 | 0 |
| Spontaneous heparin-induced thrombocytopenia syndrome | 0 | 0 | 0 |
| Thrombocytopenia | 0 | 0 | 0 |
| Thrombocytopenia neonatal | 0 | 0 | 0 |
| Thrombocytopenia-absent radius syndrome | 0 | 0 | 0 |

VAXZEVRIA generates a safety signal for 29 symptoms of thrombosis.

COMIRNATY generates a safety signal for 9 symptoms of thrombosis.

SPIKEVAX does not generate any safety signals for thrombosis

VAXZEVRIA earned its name as “the Clot Shot”. It was withdrawn from use in the UK in December 2021 for the reason that it was viewed as unsafe – causing thrombosis and thrombocytopenia. We can now see that it generated 3 x the number of safety signals compared to Comirnaty.

It was also withdrawn in many other countries.

The symptoms with highest PRR scores are both for thrombocytopenia. However the focus on this symptom distracted from the much more pervasive issue of thrombosis – 28 symptoms of thrombosis generated safety signals, but only two symptoms of thrombocytopenia did.