Venous Duplex Scans:

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| **1** | **28/04/2021, 13:27, VUS Lower Limb Venous Duplex Right**  **Venous**  Right:  The deep fem-pop venous system is patent and competent.  The SFJ and LSV are patent and competent.  There is no obvious SPJ.  **There is an incompetent Giacomini vein which fills into incompetent SSV in the proximal calf.**  The Giacomini vein measures 3.1mm in the proximal thigh and 3.7mm in the distal thigh.  The SSV from mid calf level is otherwise competent.  Reag Bermejo  Clinical Vascular Scientist |
| **2** | **28/04/2021, 09:33, VUS Lower Limb Venous Duplex Right**  **Venous**  Right:  The deep fem-pop venous system is patent and competent.  **The SFJ and LSV are incompetent.**  The LSV measures 6.9mm in the proximal thigh and 4.7mm in the distal thigh before filling out varices in the proximal calf.  There is no obvious SPJ.  The SSV is otherwise patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **3** | **20/04/2021, 10:55, VUS Lower Limb Venous Duplex Right**  **20/04/2021, 10:44, VUS Lower Limb Venous Duplex Left**  **Venous**  Right:  The deep fem-pop venous system is patent and competent.  The SFJ and LSV are patent and competent.  The SPJ and SSV are patent and competent.  Left:  The deep fem-pop venous system is patent and competent.  The SPJ and proximal LSV are patent and competent.  **Low velocity reflux noted in the LSV in the mid-distal thigh.**  **There is an incompetent tributary of the LSV in the calf which communicates with calf varices.**  **The tortuous SPJ and SSV are incompetent and fill calf varices.**  The SSV measures 7.4mm in proximally and 5.3mm in the mid calf.  The mid-distal SSV is competent.  Reag Bermejo  Clinical Vascular Scientist |
| **4** | **19/04/2021, 10:30, VUS Lower Limb Venous Duplex Right**  **Venous**  *Sub-optimal scan due to vessel depth/limb size.*  Right:  Unable to clearly visualise the mid SFV due to vessel depth, otherwise the deep fem-pop venous system appears patent and competent where seen.  The SFJ and proximal LSV are patent and competent.  **The LSV in the mid-distal calf is incompetent after communication with an incompetent tributary, however no obvious source for this reflux.**  The SPJ and SSV are patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **5** | **15/04/2021, 04:13, VUS Lower Limb Venous Duplex Right**  **Venous**  Right:  **There is neoangiogenesis at the SFJ which fills large tortuous varices in the thigh and calf.**  The SPJ and SSV are patent and competent.  **There are large tortuous deep veins present behind the knee and in the medial gastrocnemius territory however difficult to augment flow in these vessels.**  The deep fem-pop venous system is otherwise patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **6** | **13/04/2021, 13:05, VUS Lower Limb Venous Duplex Right**  **Venous**  Right:  The deep fem-pop venous system is patent and competent.  **There is neoangiogenesis at the SFJ which fills varices in the thigh.**  The proximal LSV is not visualised - previously treated.  **There is superficial thrombophlebitis in the remnant LSV from mid-thigh to proximal calf.**  The SPJ and SSV are patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **7** | **09/04/2021, 13:56, VUS Lower Limb Venous Duplex Right**  **Venous**  Right:  The deep fem-pop venous system is patent and competent.  **The SFJ and AASV are incompetent.**  The AASV measures 5.1mm in the proximal thigh and 5.4mm in the mid thigh where it becomes extrafacial and fills thigh and calf varices.  **The LSV is incompetent and measures 4.3mm in the proximal thigh and 3.4mm in the mid-distal thigh before communicating with thigh varices.**  **The SPJ and SSV are incompetent.**  The SSV measures 4.7mm proximally and 3.4mm in the distal calf.  Reag Bermejo  Clinical Vascular Scientist |
| **8** | **09/04/2021, 11:06, VUS Lower Limb Venous Duplex Right**  **Venous**  Right:  The deep fem-pop venous system is patent and competent.  **The SFJ is incompetent.**  **There is a tortuous incompetent tributary that comes off the LSV origin (4.1mm diameter in the anterior thigh) and fills tortuous varices in the anterior thigh and calf.**  The LSV and AASV are otherwise patent and competent.  The SPJ and SSV are patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **9** | **08/04/2021, 13:29, VUS Lower Limb Venous Duplex Right**  **Venous**  Right:  The deep fem-pop venous system is patent and competent.  The SFJ and proximal LSV are patent and competent.  **There is an incomptent tributary of the LSV in the proximal thigh (4.3mm diameter) which fills into incompetent extrafascial LSV at mid thigh level.**  The LSV measures 4.3mm in the mid thigh and 4.9mmm in the distal thigh before filling calf varices.  There is no obvious SPJ.  The SSV is otherwise patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **10** | **07/04/2021, 11:55, VUS Lower Limb Venous Duplex Right**  **07/04/2021, 11:31, VUS Lower Limb Venous Duplex Left**  **Venous**  Right:  The deep fem-pop venous system is patent and competent.  The SFJ and proximal LSV are patent and competent.  **The LSV becomes incompetent in the proximal thigh, where it measures 5.8mm, before filling a tributary at mid thigh level that fills thigh and calf varices.**  The LSV is competent in the mid thigh to the ankle.  The SPJ and SSV are patent and competent.  Left:  The deep fem-pop venous system is patent and competent.  **The SFJ and LSV are incompetent.**  The LSV measures 7.4mm in the proximal thigh and 6.4mm in the mid thigh before filling varices in the thigh.  The LSV is competent in the distal thigh to the ankle.  The SPJ and SSV are patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **11** | **31/03/2021, 09:52, VUS Lower Limb Venous Duplex Right**  **Venous**  Right:  The deep fem-pop venous system is patent and competent.  The crural veins are patent and competent.  The SFJ and LSV are patent and competent.  The SPJ and SSV are patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **12** | **30/03/2021, 09:34, VUS Lower Limb Venous Duplex Right**  **Venous**  Right:  The deep fem-pop venous system is patent and competent.  The SFJ and LSV are patent and competent.  **There is a small incompetent tributary of the LSV in the proximal thigh, filling small tortuous varicosities which run alongside the LSV to the distal thigh, where they fill calf varices.**  **There is an incompetent perforator in the proximal posterior calf which fills calf varices (3.0mm diameter at fascia).**  The SPJ and SSV are patent and competent.  Left:  The deep fem-pop venous system is patent and competent.  The SFJ and LSV are patent and competent.  The SPJ and SSV are patent and competent.  **There are two incompetent perforators in the proximal posterior calf (5.0mm diameter) and distal medial calf (4.0mm diameter) which fill calf varices.**  Reag Bermejo  Clinical Vascular Scientist |
| **13** | **29/03/2021, 11:49, VUS Lower Limb Venous Duplex Right**  **29/03/2021, 11:36, VUS Lower Limb Venous Duplex Left**  **Venous**  Right:  The CFV and PFV confluence are patent and competent.  **The SFV is bifid with reflux noted in the deeper branch from mid thigh level.**  **There is reflux present in the above knee PopV.**  The below knee PopV is patent and competent.  **The Medial GastrocnemiusV appear dilated with evidence of scarring.**  The SFJ and proximal LSV are patent and competent.  **The LSV becomes incompetent at mid thigh level, measuring 4.4mm and then 3.6mm in the distal thigh before filling out calf varices.**  The SPJ and SSV are patent and competent.  Left:  The deep fem-pop venous system is patent and competent.  The SFJ and LSV are patent and competent.  **There is an incompetent branch of the LSV in the proximal calf (4.0mm diameter) which fills calf varices.**  The calf varices then drain via a large perforator in the mid calf.  The SPJ and SSV are patent and competent.  Reag Bermejo  Clinical Vasuclar Scientist |
| **14** | **29/03/2021, 09:41, VUS Lower Limb Venous Duplex Right**  **Venous**  Right:  The deep fem-pop venous system is patent and competent.  The SFJ and proximal LSV are patent and competent.  **There is an incompetent tributary of the LSV at distal thigh level (6.4mm diameter) which then fills into the calf LSV.**  The calf LSV measures 3.6mm in the proximal calf and 3.1mm at the ankle.  The SPJ and SSV are patent and competent  **The is an incompetent tributary of a GiacominiV (3.6mm) which fills tortuous varices in the posterior thigh.**  Reag Bermejo  Clinical Vascular Scientist |
| **15** | **26/03/2021, 14:05, VUS Lower Limb Venous Duplex Right**  **26/03/2021, 13:08, VUS Lower Limb Venous Duplex Left**  **Venous**  Right:  The deep fem-pop venous system is patent and competent.  The SFJ and LSV are patent and competent  The SPJ and SSV are patent and competent.  **There is a small incompetent descending branch in the lateral thigh (2.2mm diameter) which fills small superficial varices in the posterior distal thigh.**  Left:  The deep fem-pop venous system is patent and competent.  The SFJ and LSV are patent and competent  The SPJ and SSV are patent and competent.  **There is a small incompetent descending branch (2.4mm diameter) in the postero-medial thigh which fills varices in the lateral thigh and into the posterior calf.**  Reag Bermejo  Clinical Vascular Scientist |
| **16** | **25/03/2021, 17:20, VUS Lower Limb Venous Duplex Right**  **Venous**  *Sub-optimal scan as patient was bedbound - scanned in sitting position on the side of the bed.*  *Calf vessels not assessed due to bandaging.*  Right:  The CFV, PFV confluence and SFV appear patent and competent.  **There appears to be reflux noted in the PopV.**  **The SFJ and AASV are incompetent.**  The AASV measures 8.0mm in the proximal thigh and measures 7.0mm in the mid thigh where it leaves the fascia.  The prox-mid LSV appears patent and competent.  **The LSV is incompetent at the distal thigh where it communicates with the AASV (8.0mm diameter).**  The SPJ and proximal SSV appear patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **17** | **22/03/2021, 11:01, VUS Lower Limb Venous Duplex Right**  Right:  The deep fem-pop venous system is patent and competent.  **The SFJ and LSV are incompetent.**  The LSV measures 5.0mm in the proximal thigh,  9.0mm in the mid thigh where it leaves the fascia,  and 5.0mm in the distal thigh before filling out varices in the calf.  The SPJ and SSV are patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **18** | **12/03/2021, 13:13, VUS Lower Limb Venous Duplex Right**  **Venous**  Right:  The deep fem-pop venous system is patent and competent.  **The SFJ and LSV are incompetent.**  The LSV measures 12.0mm in the proximal thigh and becomes extrafascial in the distal thigh, measuring 7.0mm, before filling out varices in the calf.  The SPJ and SSV are patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **19** | **12/03/2021, 11:10, VUS Lower Limb Venous Duplex Right**  **Venous**  Right:  **The CFV appears chronically occluded/not present.**  The SFV and PopV are otherwise patent and competent.  **There are large tortuous descending varicosities at the groin which communicate at a junction with the proximal SFV, and fill incompetent LSV in the proximal thigh.**  The incompetent SFV junction has a diameter of 15.0mm.  The LSV measures 8.0mm in the proximal thigh and 6.0mm in the distal thigh before filling out varices at the knee.  The SPJ and SSV are patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **20** | **02/03/2021, 10:39, VUS Lower Limb Venous Duplex Right**  **02/03/2021, 10:17, VUS Lower Limb Venous Duplex Left**  **Venous**  Right:  The deep fem-pop system is patent and competent.  The SFJ is patent and competent with no evidence of an ovbious recurrence.  The LSV has previously been treated and is small in calibre and competent where seen in the thigh.  The SPJ is patent and competent.  **The SSV becomes incompetent shortly after the origin.**  The SSV measures 5.0mm in the proximal calf and fills local varicosities.  The SSV becomes competent in the distal calf.  Left:  The deep fem-pop system is patent and competent.  The SFJ and LSV is patent and competent.  The SPJ and SSV are patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **21** | **29/04/2021, 10:08, VUS Lower Limb Venous Duplex Left**  **Venous**  Left:  The deep fem-pop venous system is patent and competent.  The SFJ and LSV are patent and competent.  The SPJ and SSV are patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **22** | **29/04/2021, 03:20, VUS Lower Limb Venous Duplex Left**  **Venous**  Left:  The deep fem-pop venous system is patent and competent.  **The SFJ and LSV are incompetent.**  The LSV measures 16.5 mm in the proximal thigh and 8.1mm in the mid thigh, before filling a triburary that goes on to fill large tortuous varices in the thigh and calf.  The LSV is competent from mid thigh to mid calf, where it communicates with calf varices.  There is no obvious SPJ.  The SSV is otherwise patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **23** | **28/04/2021, 12:01, VUS Lower Limb Venous Duplex Left**  **Venous**  Left:  The deep fem-pop venous system is patent and competent.  **The SFJ and LSV are incompetent.**  **The LSV measures 9.9mm in the proximal thigh and 9.5mm in the distal thigh before filling large tortuous varices in the proximal calf.**  There is no evidence of current superficial thrombophlebitis in the LSV and its associated varices.  There is no obvious SPJ.  The SSV is incompetent from mid calf level following communication with calf varices.  Reag Bermejo  Clinical Vascular Scientist. |
| **24** | **23/04/2021, 16:44, VUS Lower Limb Venous Duplex Left**  **Venous**  *Suboptimal and limited scan as patient is bedbound and unable to stand - patient scanned in sitting position on edge of bed.*  *Calf vessels not assessed due to bandaging.*  Left:  The CFV is not visualised due to patient positioning.  The SFV and PopV are otherwise patent and competent.  The SFJ is not visualised. The LSV in the proximal thigh to the proximal calf is otherwise patent and competent.  The SPJ and proximal SSV are patent and competent.  Reag Bermejo  Clinical Vascular Scientist |
| **25** | **23/04/2021, 14:30, VUS Lower Limb Venous Duplex Left**  **23/04/2021, 14:10, VUS Lower Limb Venous Duplex Right**  **Venous**  Right:  The deep fem-pop venous system is patent and competent.  The SFJ and LSV are incompetent.  **The LSV appears scarred throughout the thigh and measures 6.4mm in the proximal thigh and 7.0mm in the distal thigh before filling varices in the calf.**  There is no obvious SPJ.  The SSV is otherwise small and presumed competent.  Left:  The deep fem-pop venous system is patent and competent.  The SFJ and LSV are patent and competent.  There is no obvious SPJ.  The SSV is otherwise small and presumed competent.  There is a small perforator in the mid-distal calf (2.3mm at fascia) which fills medial calf varices.  Raeg Bermejo  Clinical Vascular Scientist |