

# **Audit for DVT ultrasound Scans**

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## **Introduction:**

An audit for DVT scans was carried out for the period (1<sup>st</sup> January 2021 till 30<sup>th</sup> June 2021) in order to examine the number missed DVT when repeating the scan one week (after the first negative scan).

## **Methods:**

1. Data were collected from DVT scans referred by TIU only.
2. SVT and Baker's cyst were regarded as additional or incidental findings.

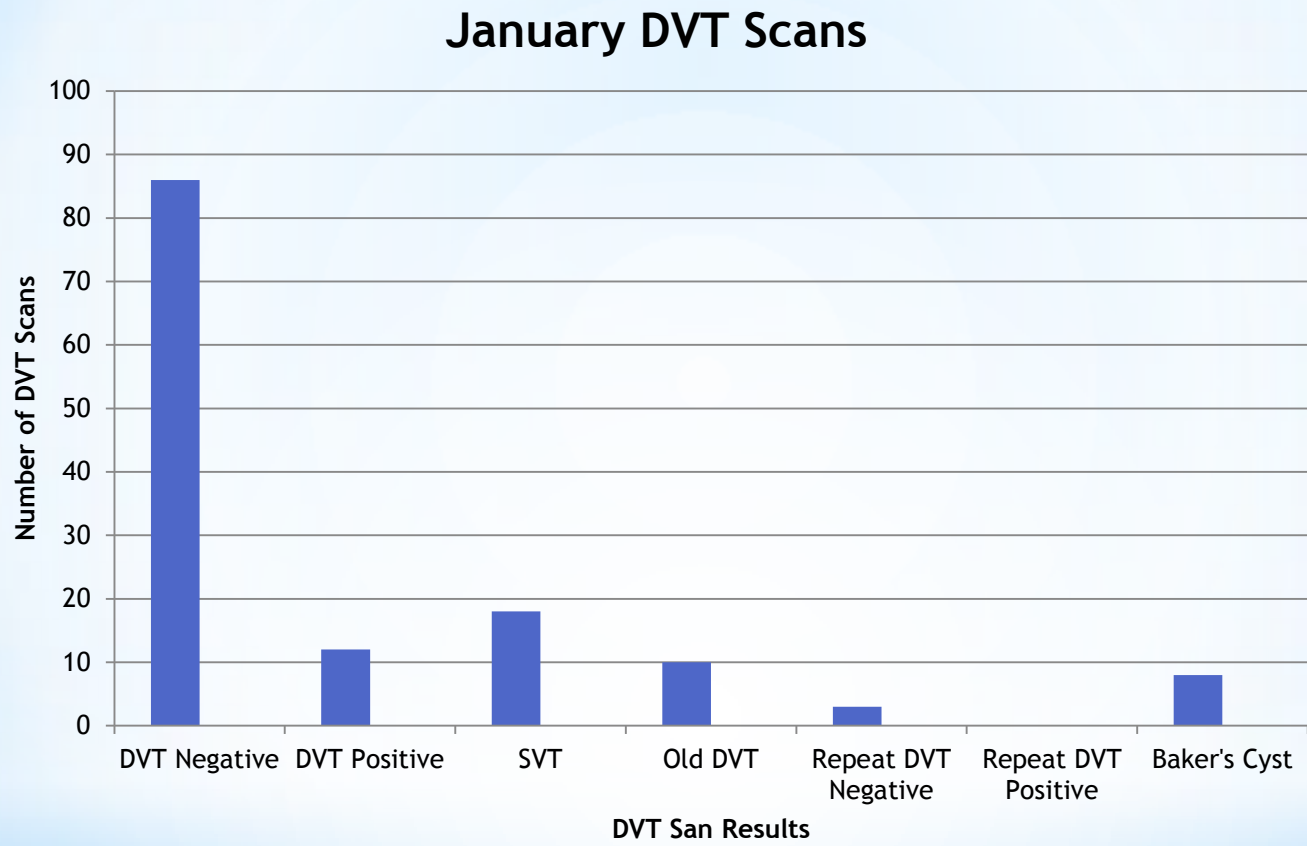
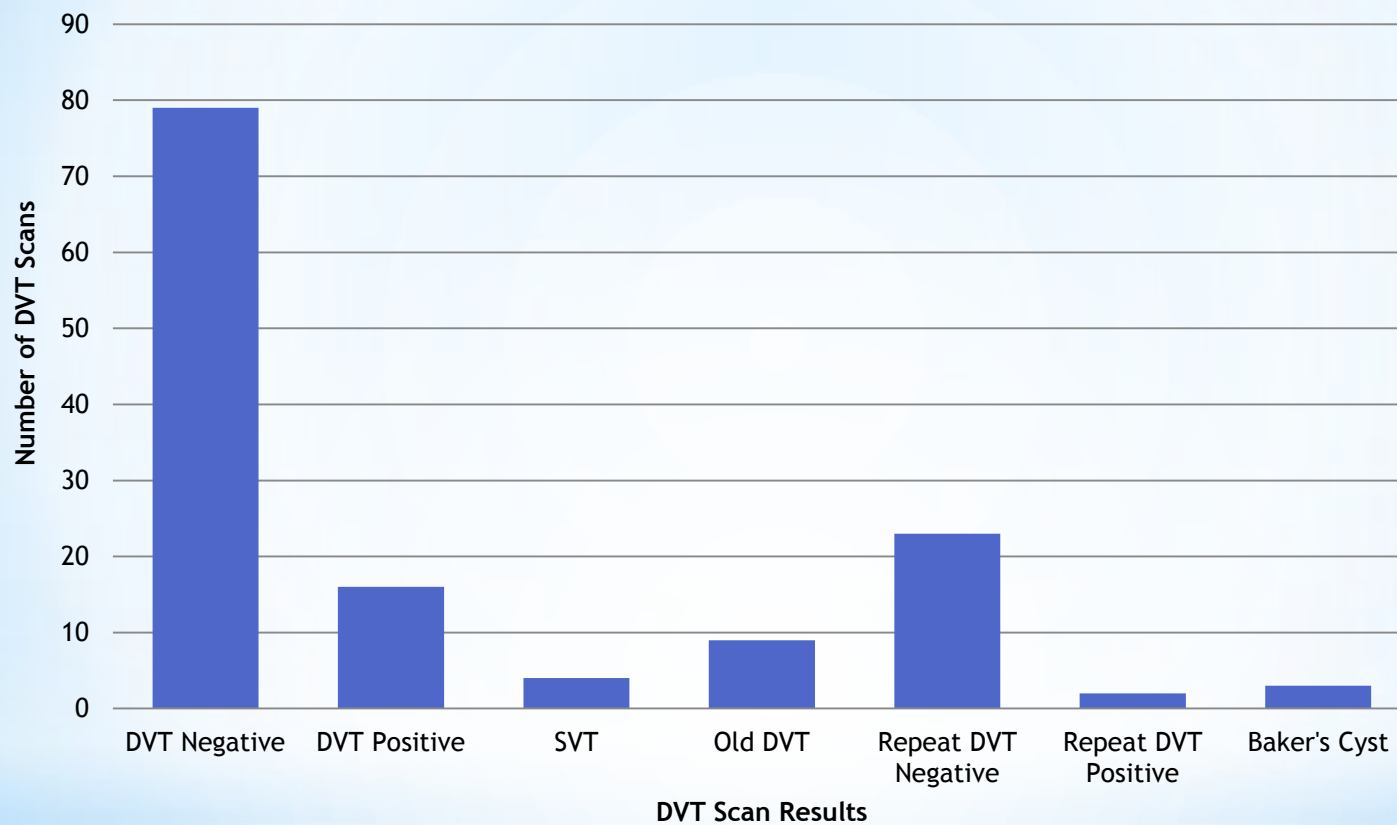
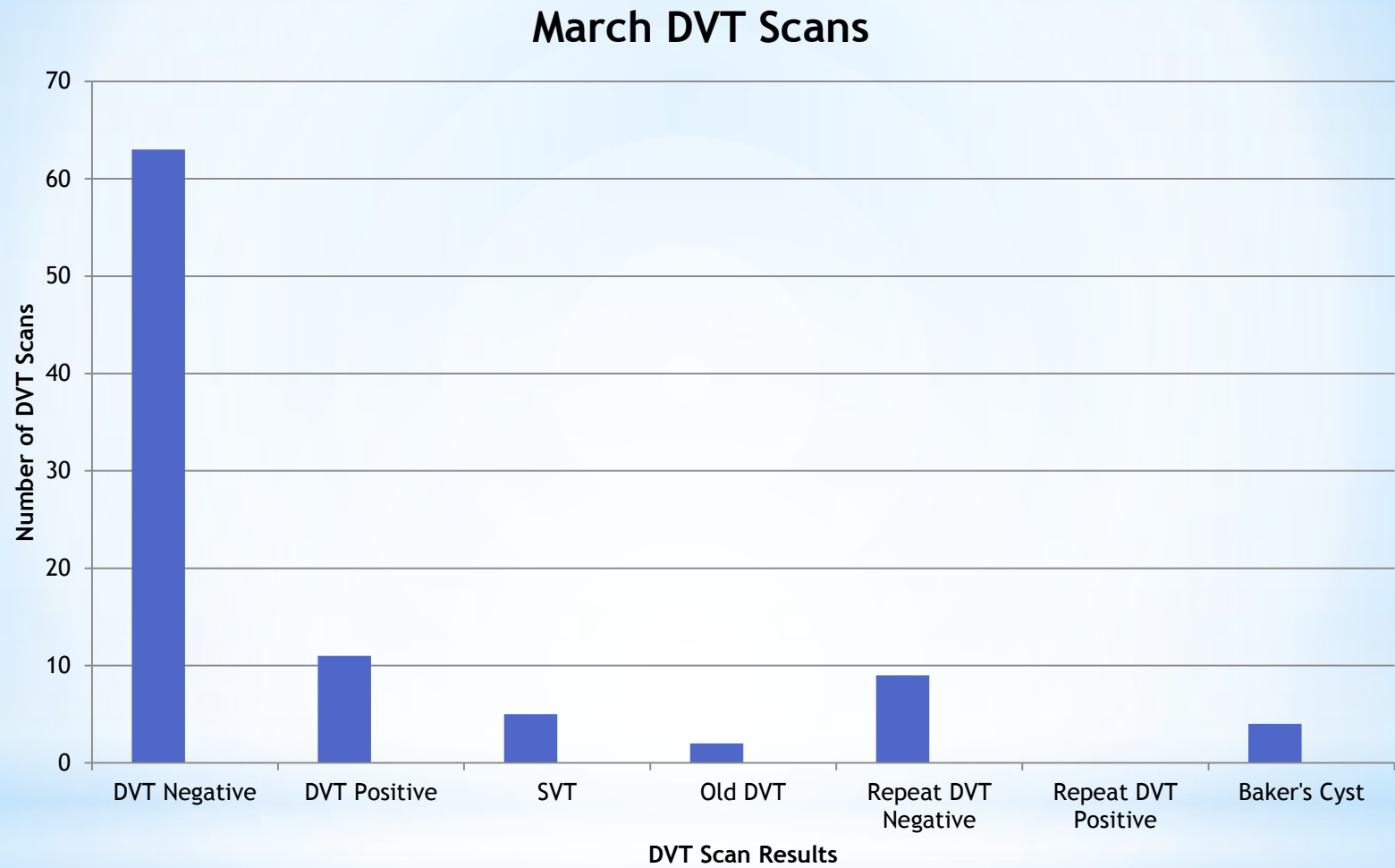


Figure-1. January DVT scans

## February DVT Scans

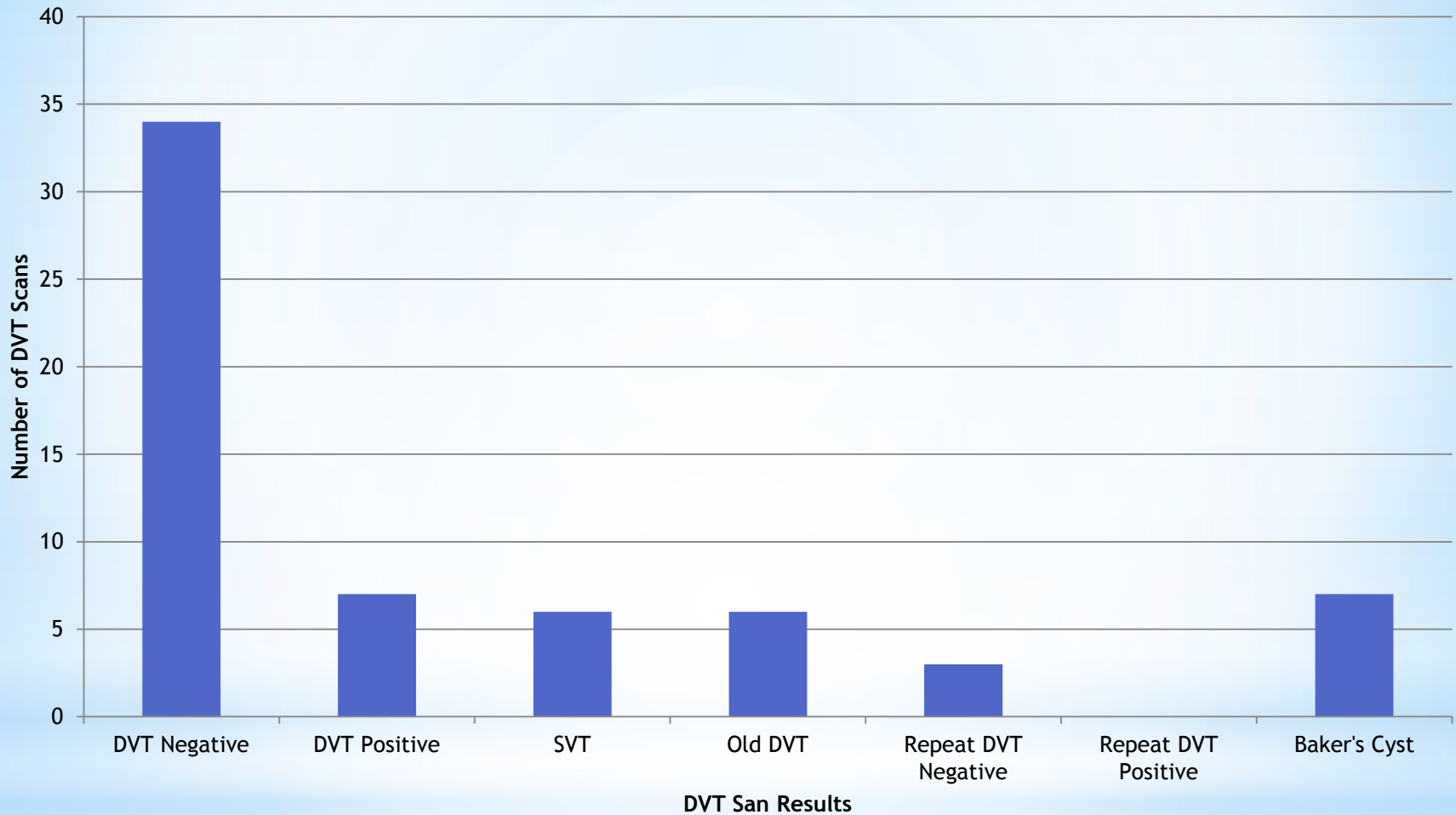


**Figure-2. February DVT scans**



**Figure-3. March DVT scans**

## April DVT Scans



**Figure-4. April DVT scans**

## May DVT Scans

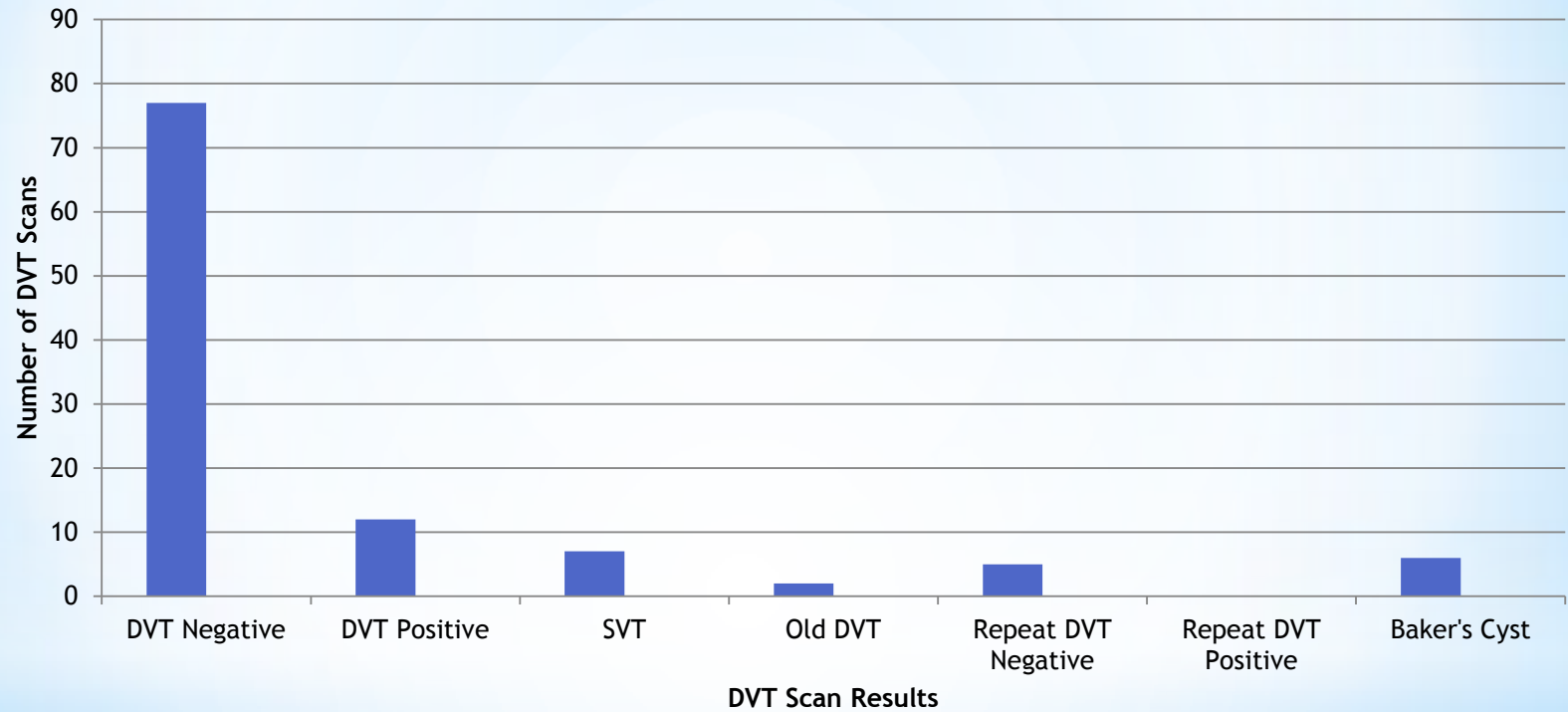
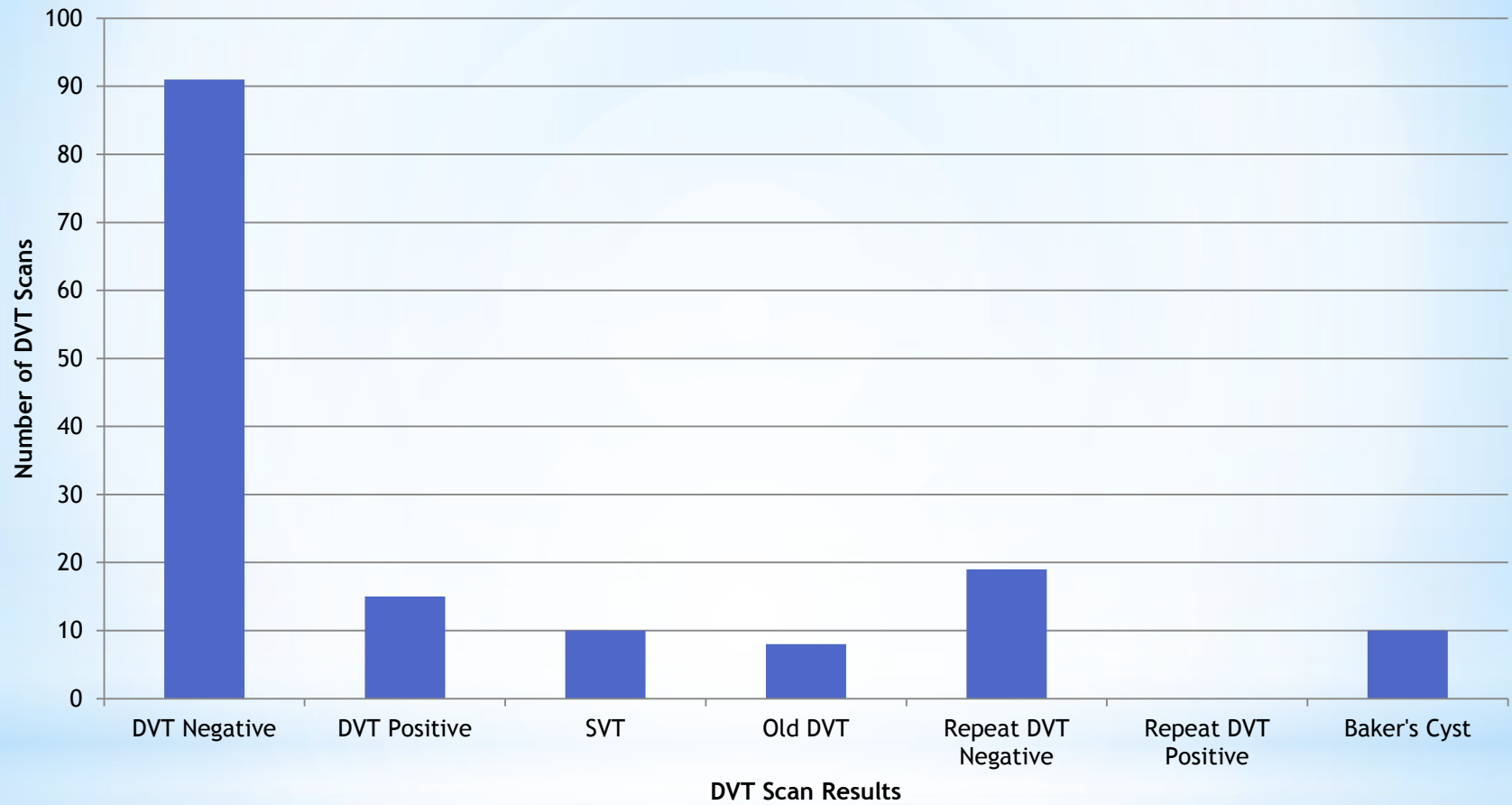


Figure-5. May DVT scans

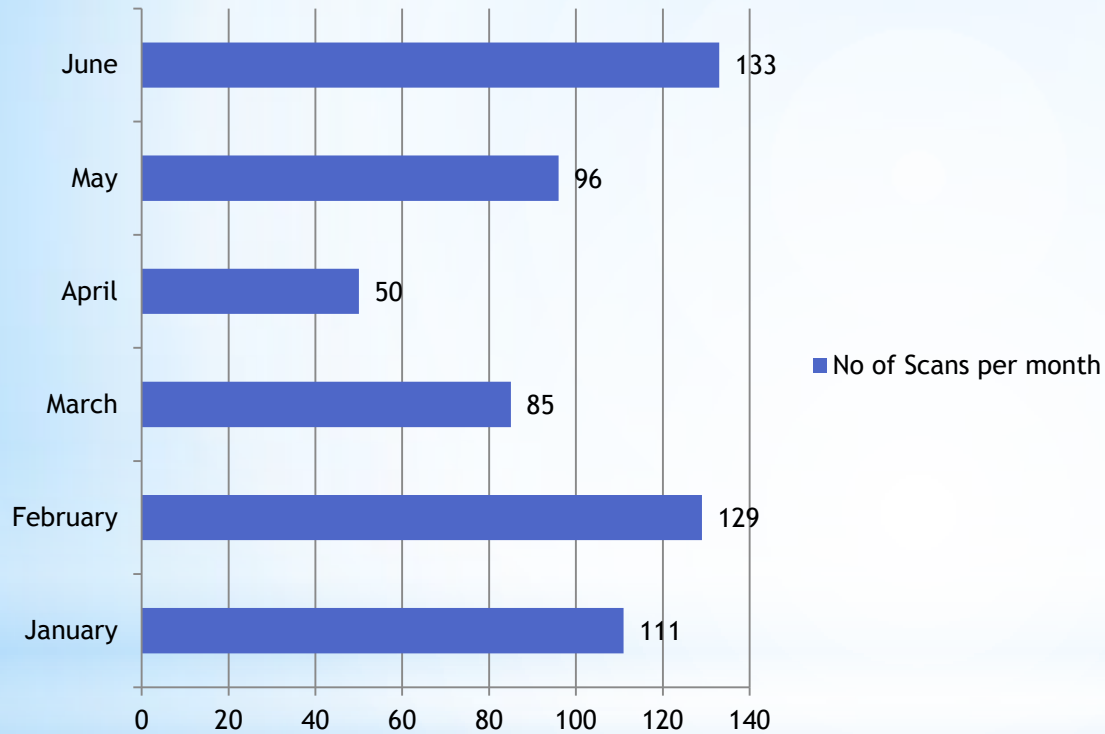
## June DVT Scans



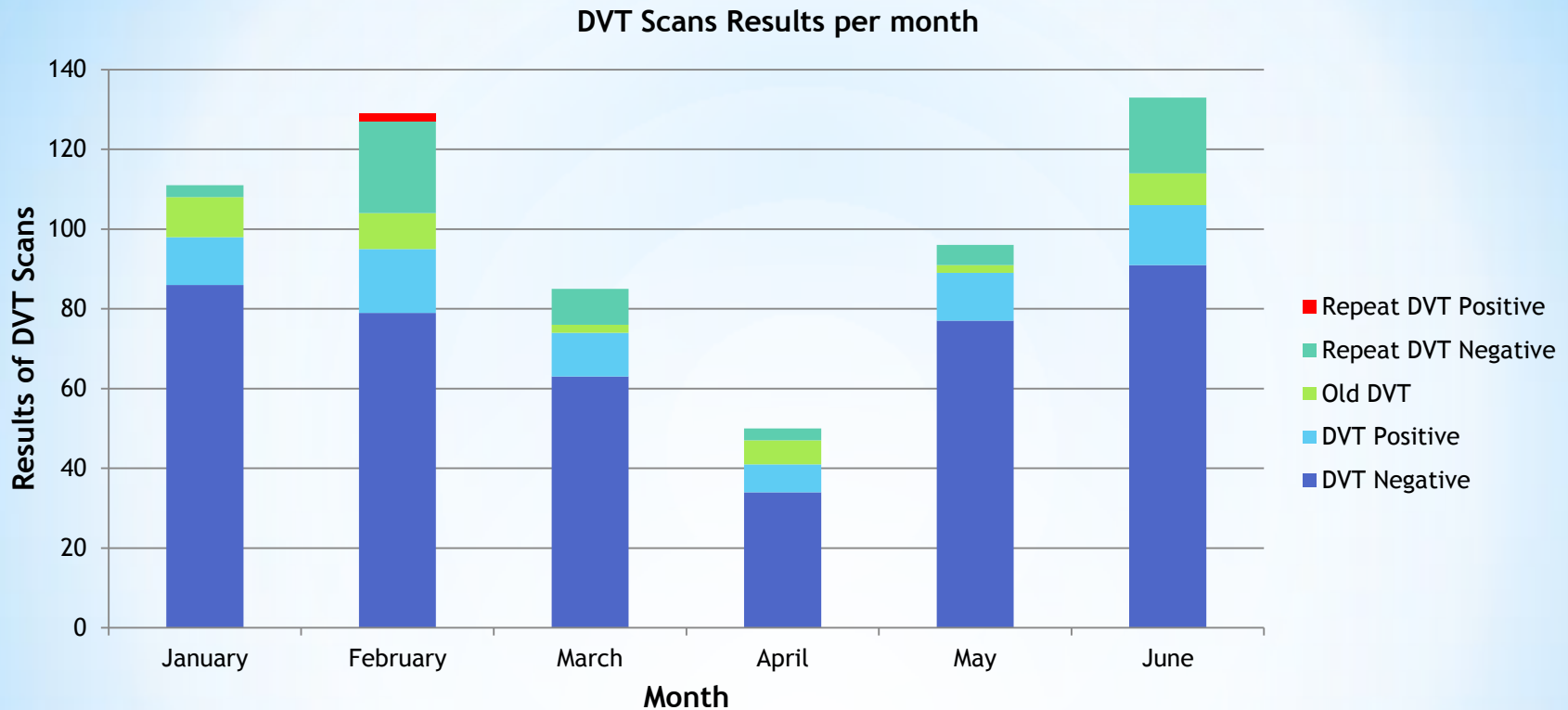
**Figure-6. June DVT scans**



## Total Number of DVT Scans per Month



**Figure-7. Total Number of DVT Scans over the first 6 months.**



**Figure 8. DVT Scans Results per month**

Figure 8 shows the detailed results (or findings) of the DVT scanning, most of which were negative. The next Table-1 will give more details about the outcomes (results) of the scans.

**Table-1. Total Number of DVT Scans over 6 month period**

Month	DVT Negative	DVT Positive	Old DVT	Repeat DVT Negative	Repeat DVT Positive	No of Scans per month
January	86	12	10	3	0	111
February	79	16	9	23	2	129
March	63	11	2	9	0	85
April	34	7	6	3	0	50
May	77	12	2	5	0	96
June	91	15	8	19	0	133
Total No	430	73	37	62	2	604

Table 1 shows that over the 6-month period:

- 430 (71.2%) scans were negative.
- 73 (12.1%) scans were positive DVT.
- 37 (6.1%) scans were old DVT.
- Out of the 64 (10.6%) DVT repeat scans, 62 were negative and only 2 (0.3%) were repeat positive, over the 6-month period.

**Table-2. Number of SVT and Baker's Cyst diagnosed over 6 month period**

Month	No of Scans for DVT per month	SVT	Baker's Cyst
January	111	18	8
February	129	4	3
March	85	5	4
April	50	6	7
May	96	7	6
June	133	10	10
Total No Percentage	604 (100%)	50 (8.3%)	38 (6.13%)

Table-2 shows that in addition to the negative and positive DVT diagnoses, we also picked up 50 (8.3%) SVT and 38 (6.13%) Baker's cysts as an additional or incidental finding over the 6-month period.



 **THANK YOU**