

Supplementary Table 1 Demographic information of the PVPM patients admitted during Jan, 2020 to Jun, 2021

	PVPM patients				
	(N=90)	No IAIF (N=39)	Yes IAIF (N=51)	<5mm (N=32)	≥5mm (N=19)
Type I (N, %)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Type II (N, %)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Type III (N, %)	59 (65.56)	21 (53.85)	38 (74.51)	28 (87.50)	10 (56.63)
Type IV (N, %)	31 (34.44)	18 (46.15)	13 (25.49)	4 (12.50)	9 (43.37)
Female (N, %)	58 (64.44)	26 (66.67)	33 (64.71)	21 (65.63)	12 (63.16)
Age (Mean± Standard Deviation)	49.02±14.64	51.13±12.87	47.41±15.79	47.72±16.22	46.89±15.47
Age of female (Mean± Standard Deviation)	49.69±14.45	50.08±14.05	49.39±14.96	49.48±16.46	49.25±12.59
Age of male (Mean± Standard Deviation)	47.74±15.15	53.23±10.31	43.78±17.04	44.36±15.95	42.86±19.92

Supplementary Table 2 Analysis of the correlation between age and VAS score, in women with IAIF

	AOFAS	SF-36	VAS
Pearson coefficient	-0.48	-0.34	0.76
P-value	0.09	0.24	< 0.01

Supplementary Table 3 The earliest weightbearing time and follow-up time of groups with and without IAIF

Group	Earliest Weightbearing Time (Months)	Follow-up Time (Months)
No IAIF (6)	0.75±0.00	16.00±2.61
Yes IAIF (16)	0.88±0.13	14.44±2.33
P-value	0.08	0.41