

Institutional introduction to PICC and midline

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PICCs and midlines in 900-bed F. D. Roosevelt University Hospital were introduced in 2014. Since then, only 50 PICCs and less than 20 midlines were placed, annually.

In November 2019, we introduced new institutional policy regarding insertion and maintenance of VADs. In February 2020, we started with workshops, live demonstrations and lectures about VADs insertions and maintenance.

In total, 9 workshops and 4 lectures were held for nurses and clinicians covering multiple specialties.

Prior educational activities

	midline	picc	VADs	Increase decrease in %
2019	34	51	85	baseline
2020	24	15	39	-54%

After educational activities

	midline	picc	VADs	Increase decrease in %
2021	358	151	509	1300%

CICC, PICC and PVC numbers comparison

	CICC	PICC/CICC	PVC
2019	892	943	96.000
2020	511	526	85.000
2021	955	1106	70.000

Summary:

Consistent institutional education covering multiple specialties can achieve high compliance with VADs insertion and maintenance policy.