

Doctor-of-the-Day as a Way to Augment In-office Procedures in a Resident-based Family Medicine Clinic

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BACKGROUND

- Increasing the volume of clinic procedures is a goal among Family Medicine residency programs¹²³⁴.
- Several operation models are used in family practices for same-day access, including for procedures, without overextending office capacity⁵.
- The advanced access model sets days of a clinician's weekly schedule >65% open for same-day visits⁵.
- The Samaritan Family Medicine Residency Clinic (SFMRC) in Corvallis implemented a new Doctor-of-the-Day (DOD) program in December 2020. This program is akin to the advanced access model. Residents are assigned onto DOD half-days, with the ultimate goal of bolstering procedure experiences.

OBJECTIVES

To assess if a DOD program at SFMRC Corvallis increases total resident procedure numbers.

METHODS

- DOD began at SFRMC Corvallis in December 2020.
- To minimize confounding of the decreased total office visit numbers at the start of the COVID-19 pandemic, we assigned a pre-intervention period of January through June 2019 and a post-intervention period of January through June 2021.
- Data was pulled from Epic on all office visits, appointments, consults, or procedure visits completed at SFMRC Corvallis in the pre- and post-intervention period, where a resident was the visit provider or wrote an encounter note.
- These visits were searched for billing codes to count procedures where a resident was the performing provider.

RESULTS

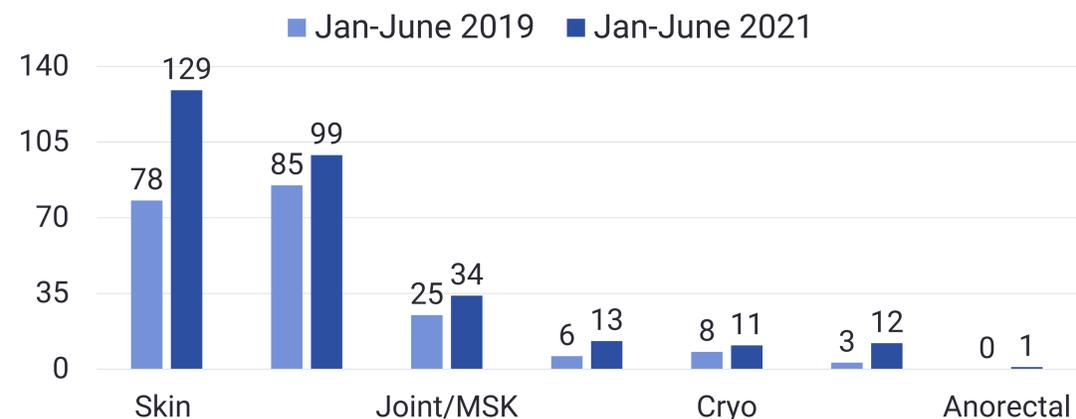
- From January to June 2019, 205 procedures occurred in 159 visits. From January to June 2021, 299 procedures occurred in 219 visits
- From 2019 to 2021, resident visits with at least one procedure performed increased by 1% (3.9% to 4.9%).
- The most common types of procedures performed by residents were skin (38% pre, 43% post) and gynecologic-based (41% pre and 33% post).

Procedure Volumes Pre vs Post the DOD Program

	Pre Jan-June 2019	Post Jan-June 2021
FM resident visits*	4,105	4,444
Procedures performed by FM residents	205	299
FM resident visits with at least one procedure	159	219
% of FM resident visits with at least one procedure performed	3.9%	4.9%

*Counted all office visits, appointments, initial consults, or procedure visits that were completed at SFMRC in Corvallis where the Family Medicine resident was either the visit provider or wrote the note for the encounter

Number of Procedures Performed by Residents Pre vs Post the DOD Program



CONCLUSIONS

- Altogether, these results indicate a very small increase in resident procedure numbers after DOD was implemented.
- Given the relative infancy of the DOD program, a significant increase in procedure numbers may not have been achievable/expected.
- The slight increase in procedure numbers is not inappreciable, however; as the DOD program matures, we may very well see an uptrend in procedure numbers and then realize the extent of its impact.

FUTURE IMPLICATIONS

- Importantly, this data reflects DOD's impact shortly after it was implemented. It would be worthwhile to reexamine total procedure numbers >1 year after implementation to assess further procedure volume growth.
- If we observe larger increases in procedure volumes as a result of the DOD program, the FM program should consider implementing DOD at the Lebanon resident clinic and having residents begin DOD half-days in their intern year to allow for longitudinal development of competency in procedures throughout residency.

REFERENCES

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