

Purpose

- The demands of healthcare workers continue to be pushed to the limit, especially over the past few years during such a significant event as the COVID-19 pandemic. Studies suggest that nearly half of all healthcare providers are experiencing burnout at any given time.
- Typically, healthcare providers work in the confines of a physical space, caring for patients via face-to-face interactions, utilizing physical examinations and recording medical histories. However, the need for an alternative mode to provide care was realized during the COVID-19 pandemic when staff were frequently forced to isolate due to illness and exposure, leaving units understaffed and staff overworked. Night shift specifically tends to have a higher provider-to-patient ratio with fewer resources available for support.
- At the University of Colorado Hospital on the bone marrow transplant unit during the pandemic, a new APP role was developed to implement telemedicine in the inpatient setting.
- The goal of this role was to support the overnight provider to dedicate increased attention toward higher acuity patients, provide adequate time for evaluation and management of new admissions, improve provider morale, decrease burnout, and remove tasks that may take concentration away from complex patients. Lastly, the utilization of this virtual provider provided nursing staff a resource for less urgent medical issues and questions that did not require in-person patient evaluation.

Design and Process

- Advanced practice providers (consisting of both NPs and PAs) who currently staff the Bone Marrow Transplant unit at the University of Colorado Hospital were given the option to provide virtual support in conjunction with the overnight provider shift-creating an Overnight Virtual Provider (OVAPP).
- OVAPP triaged patient phone calls, monitored the emergency department track board for BMT patients, answered consulting calls and requests for transfer from outside hospital physicians, and responded to nurse requests via secure communication through the hospital's electronic medical record.
- OVAPPs, night providers, and nursing staff were then surveyed to evaluate outcomes related to the addition of the virtual provider.

Development of an Overnight Virtual Advanced Practice Provider to Support Night Shift On-Site Staffing Ashley Sutherland, RN, MSN, AGACNP, Meredith G. Beaton, RN, MSN, AGACNP, Glen J. Peterson, RN, DNP, ACNP

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