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- The hospital decided to go towards Magnet Recognition Program. This is when we decided to benchmark the quality indicators to compare quality of care given to our patients.
- In our Medical Unit we found UAPU was one of the areas that needed improvement. We started reporting in-patients UAPU in Q3, 2010 and noticed that there was an ongoing issue with the unit's Pressure ulcer rates. (See data below).
- Based on our data we were above 90<sup>th</sup> Percentile in unit acquired pressure ulcer compared to other magnet facilities



- To reduce the incidence of UAPU to ZERO.
- To out perform benchmark group(below 50<sup>th</sup> Percentile).

## FOCUS-PDCA

- F- Magnet Benchmark helped to identify the gaps area in the practice by comparing our data to peer units and see how they are doing.
- O- Team was organized
- C- The current process was clarified by pretest and audits.
- U- The deficiencies were identified
- S- Our anticipated outcome is to keep pressure ulcer Zero/below 10th percentile.
- P- Education and audits
- D- Carried out education, patient assessments and documentation audit
- C- Posttest, NDNQI survey
- A- Continue the strategies to maintain the positive outcome
- We realized that there is a need to have a structure, system and process that would support reduction of UAPU.
- A Root Cause Analysis indicated that there was a high level of nursing care needed by this patient population, while there was a severe shortage of staff to provide necessary care.
- A team was formed that looked at various ideas that could improve our result. A structure approach was used to assess staff knowledge in the pressure ulcer prevention through a pre and post test. (NDNQI) pressure ulcer on line module was made a mandatory course for all RNs and with every contract.

- Additional education sessions were provided by the wound care CNC. As patients are supposed to be the center of our care, all newly admitted and transferred patients were thoroughly assessed by the primary nurse and charge nurse.
- Documentation audit was carried out to detect any discrepancies.
- Staff in services, education, feedback and involvement continued until final stages of the project

- We increased the number of air mattress to meet the patient's need
- We ensured that all the F1 staff had taken the National Database for Nursing Quality Indicators (NDNQI ) PU Online Module
- We educated our Patient/Family on pressure ulcer prevention and care to improve awareness.
- We invited the Wound Care team to provide in services to our staff.
- We improved ongoing peer review regarding patients assessment on admission and documentation
- Our staffing was re-evaluated based on international benchmark and we were successful to increase number of nursing staff.[ Total Nursing Hours Per Patient Day was increased from below 10th Percentile( 6.11) to above 50th Percentile ( 9.55)]

- **Quality Information System (QuIS)**
- **We created an audit tool which we used for pre and post patient assessment and pre and post staff education assessment.**

- Anything that is not measured cannot be improved.
- Having looked at our quality of care given to our patients in terms of UAPU we were able to identify the major issues. Hence using the quality improvement tool such as FOCUS-PDCA we succeeded in achieving our ZERO UAPU rate.
- For Consecutive 3 years we manage to maintain ZERO UAPU although with the complexity of patient population in the unit.