

We Are Here; to Keep You in PEACE

Protect, Engage, Address, Care and Enhance

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Overview

AL Wakra hospital believes that we are here; to keep our valued patients in PEACE by early identification and timely prompt management of Sepsis.

Protecting their lives, Engaging them and their families in the plan of care, Addressing their needs, Caring effectively and Enhancing their experience by making them feel better, valued and respected.

Sepsis is a serious inflammatory condition that affect 30 million people worldwide and potentially causes 6 million deaths every year.

Aim

The smart aim is to reduce sepsis related mortality by improving the recognition and timely management of sepsis by achieving 95% compliance with sepsis 6 bundle by end of 2019.

Methodology

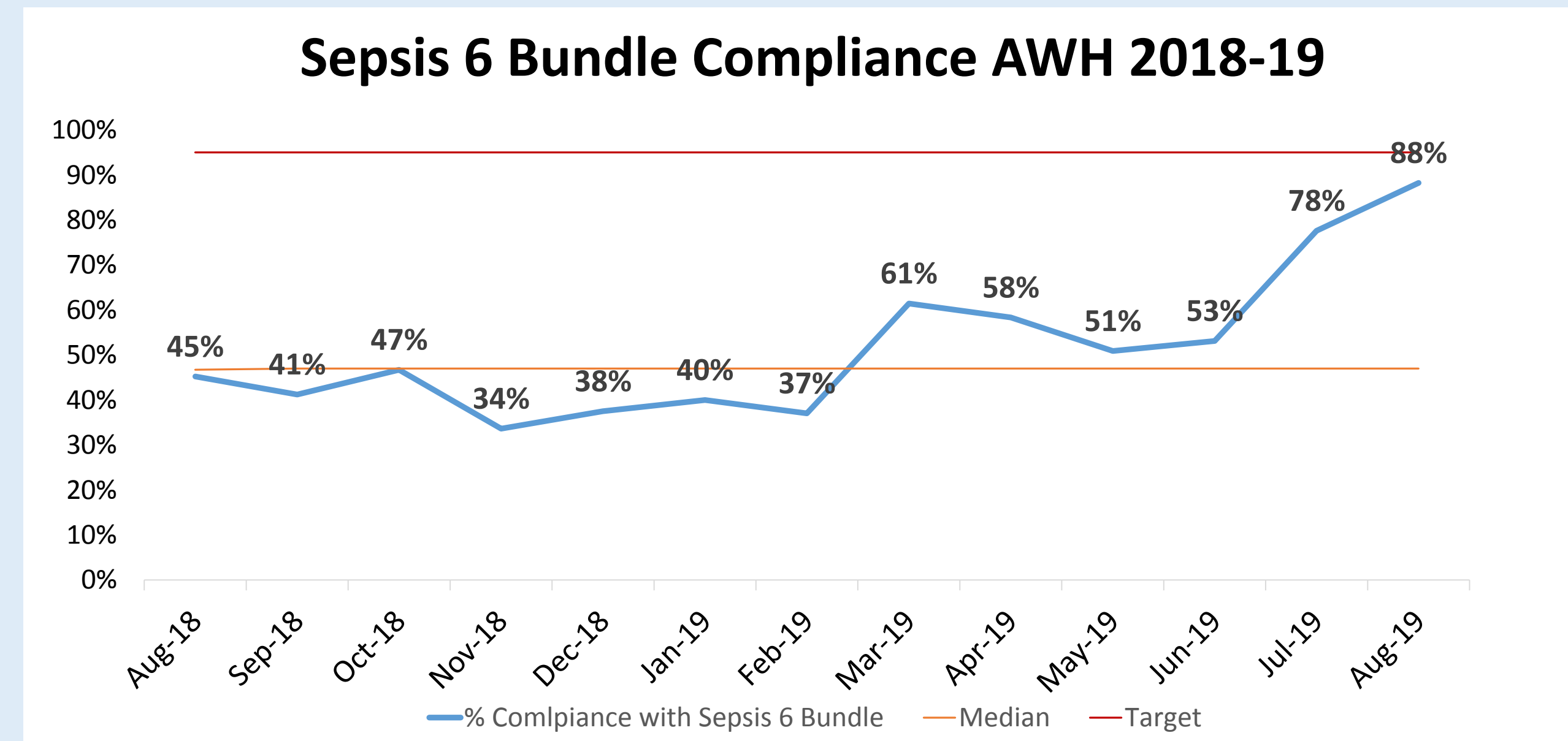
The team uses the IHI model for improvement methodology to innovate, pilot, study and implement changes.

Multiple PDSA cycles were tested and implemented as below:

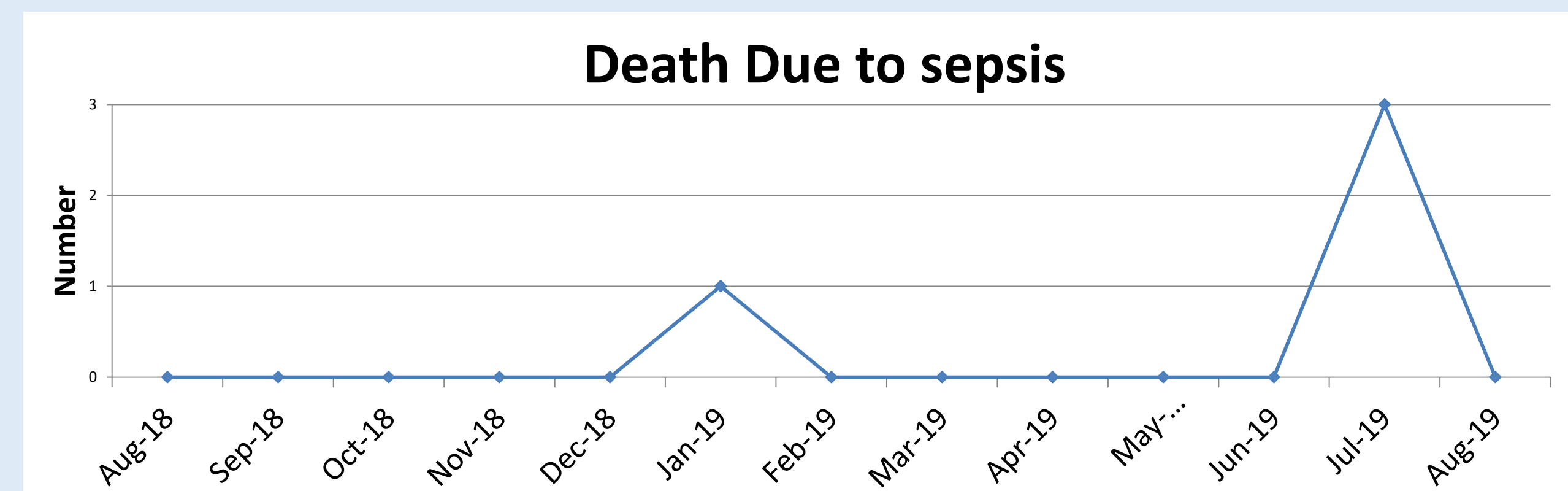
- Huddle-up for preventing sepsis related mortality: before and after each shift the staffs gather to speak up about sepsis.
- Personalized sepsis criteria: ensure reliable vital signs are reflecting the patient' current medical condition. Be conscious to early signs of suspecting sepsis.
- "Put your-self in the patient' shoe": what matters to the patient and what are their own expectations related to sepsis.
- "Listen to the Mom": Mothers are the best one who knows the neonate or child normal and abnormal clues.

Results

Aug 2018 - 19, thousand plus patients being identified with sepsis; we were able to recognize them earlier and manage the sepsis appropriately and on timely manner. Many of patient's successful stories proven reduce in ICU length of stay and earlier discharge for those patients were managed properly.



The above graph shows the percentage of compliance with sepsis 6 bundle, the numerator is the total number of sepsis 6 bundle completed within 60 minutes of time zero out of total number of patients identified with sepsis and/or septic shock multiply by 100%. The data is electronically extracted from the time of sepsis alert till the time all the 6 elements of he bundle is completed. The compliance is significantly improved starting from 45% to 88% in Aug 2019.



The above graph shows the number of death due to sepsis or sepsis was contributing to death. The data is extracted from the death certificate were sepsis was mentioned as one of the contributing factor to death or leading to death. In a year, out of thousand patients identified with sepsis only 4 cases were sepsis was contributing to deaths and these cases were risk-adjusted due to patient medical condition and co-morbidities.

Conclusion

Al Wakra hospital has been successfully keeping their patients in PEACE from Sepsis and its burden proven by Zero justified death related to sepsis.

Mothers, caregivers and family members are alerting the team for the very early signs of sepsis to their patients whom in turn they valued the timely and prompt management of sepsis.

Al Wakra hospital has a great success factors such as exceptional commitment and involvement of the hospital leaders and the multidisciplinary team to save our patients lives and keep them in PEACE.

Achievement

Al Wakra hospital celebrates the 2019 World Sepsis Day.



References

- Institute for Healthcare Improvement.
- World Health Organization, derived from <https://www.who.int/sepsis/en>