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P359 -CAN CONTINUOUS QUALITY IMPROVEMENT TO MAINTAIN A PERITONEAL DIALYSIS PROGRAMME

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Objective

To minimise complications and challenges to the long-term success of the PD programme to ensure sustainable growth.

Methods

Utilising the monthly audit of all factors contributing to PD cessation (Euro PD 2017 P-33) to identify priorities for improvement. The home therapies team completed a cause and effect diagram; visualisation tool to review potential causes of peritonitis and identify root causes. Action plans were developed for each cause.

Results

From 2014 to 2016, the prevalent PD population at Heart of England NHS Foundation Trust grew by 162% from 8% to 19% (Euro PD 2017 P-34). By the end of 2018 the PD population had been maintained at 20% for 24 months

As the patient number increased, the focus on continuous quality improvement resulted in peritonitis rates and other complications improving or remaining stable. Figure 1

Conclusion

The quality improvement journey is never ending; improvement, change and learning are essential for a sustainable PD programme