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EVALUATION OF QUALITY INDICATORS AT BLOOD CENTRE IN A TERTIARY CARE CENTRE IN KERALA

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were

Number of component Qc failures Total number of components tested

BACKGROUND & OBJECTIVES

The therapeutic outcome in blood transfusion is directly related to the quality of blood transfusion services. QMS can be monitored with the help of performance measures Quality indicators. NABH has defined 10 quality indicators, of which 5 are mandatory. This study is aimed to assess the

mandatory quality indicators at the blood centre in a tertiary care centre in Kerala.

METHODS

A Prospective Observational Study was done at the department of Transfusion Medicine, Government Medical College, Thiruvananthapuram, Kerala, during the study period of one year (December 2022-November 2023)

CONTROCACION

I. PRICINAL OF TRANSPISON RAMONITTO

INSTITUTO TO Service Titude 1811-1815 hypito-Marin, 3300

NECTON

Number of adverse transfesion reaction

Total number of blood components issued

Found number of blood components discarded (Bedding disorth dos to Titroschish)

Total number of plood components discarded Service transpison of the Service Se

The Five mandatory Quality

(NARH)

Indicators

assessed.

S COMPONENT OF FAILURE

(For each component)

RESULTS Percentage of TTI reactivity- 1.81% (Meets the benchmark) PROCEEDING OF WARDON THE MORNING SHORTEN SAME STATEMENT SHORTEN SH



Adverse Transfusion reaction rate 0.45%



No cases of hemolytic transfusion reaction were reported during the period.

Wastage Rate- 6.17% (PRC- 2.47%, PC- 13.56%, FFP- 2.47%)

Turn around time- For elective cases-80minutes, For emergency cases-35minutes.

Component Qc failures:

PRC- All passed, PC- 93.62% passed, FFP-92% passed, Cryoprecipitate- 60% passed (Does not meet the benchmark)

CONCLUSION

This study helped us in assessing the quality and to identify the flaws in our blood centre. By using this data, one can analyze the root cause and can implement CAPA in order to sustain quality.