

Quality Improvement Project

Presented by:

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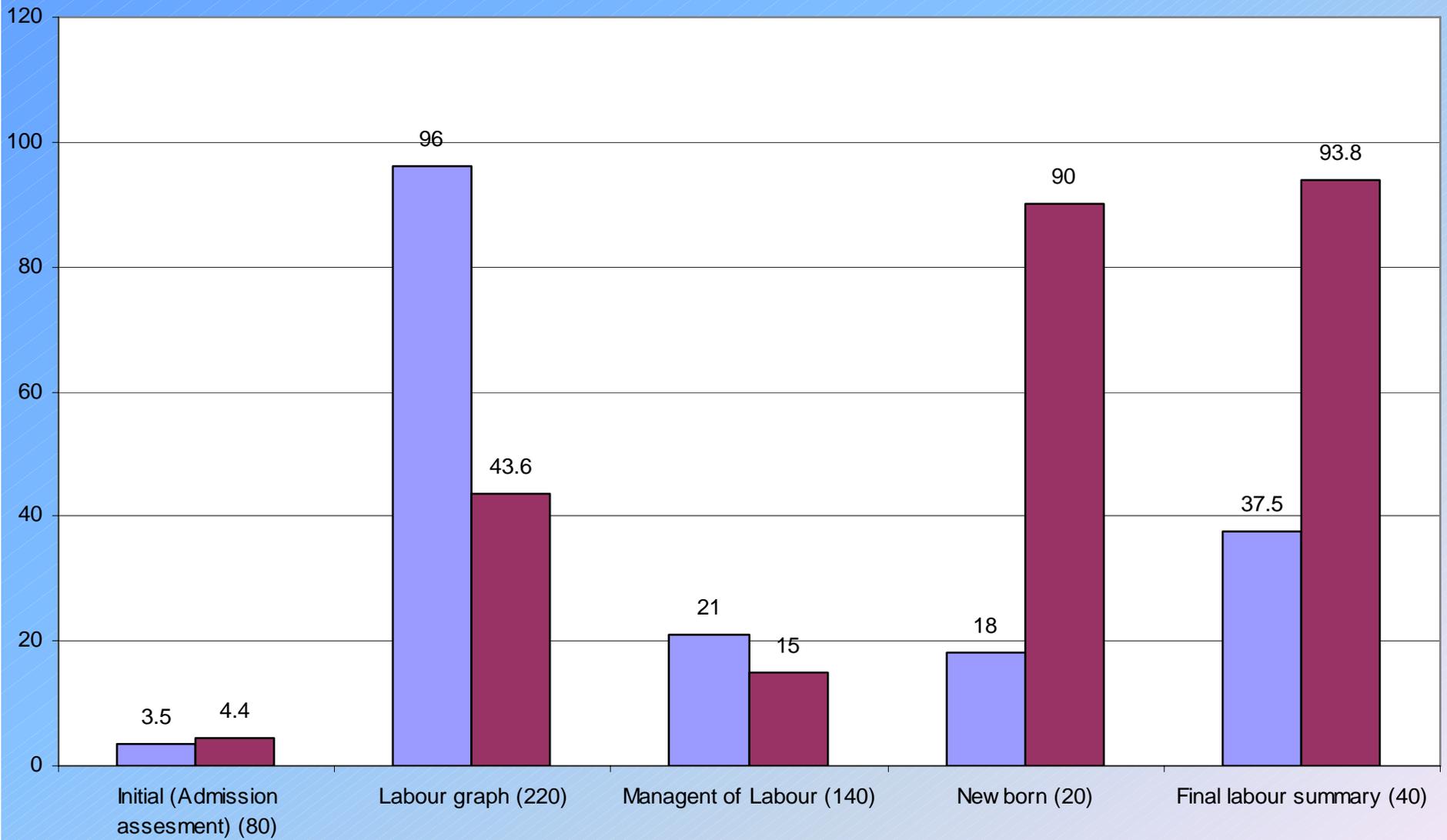
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Introduction

- Observations by obstetricians
 - Increasing incidence of babies suffering from
 - HIE (Hypoxic Ischaemic Encaphalopathy),
 - Low apgars
 - RDS (Respiratory distress syndrome) in Northdale Hospital
- Statistics revealed
 - 7 cases in April, 11 in May and 16 in June this year.
- It was postulated that this could be due to poor recording of the maternity case record particularly the partogram.

RESULTS

Results of Initial Labour Review



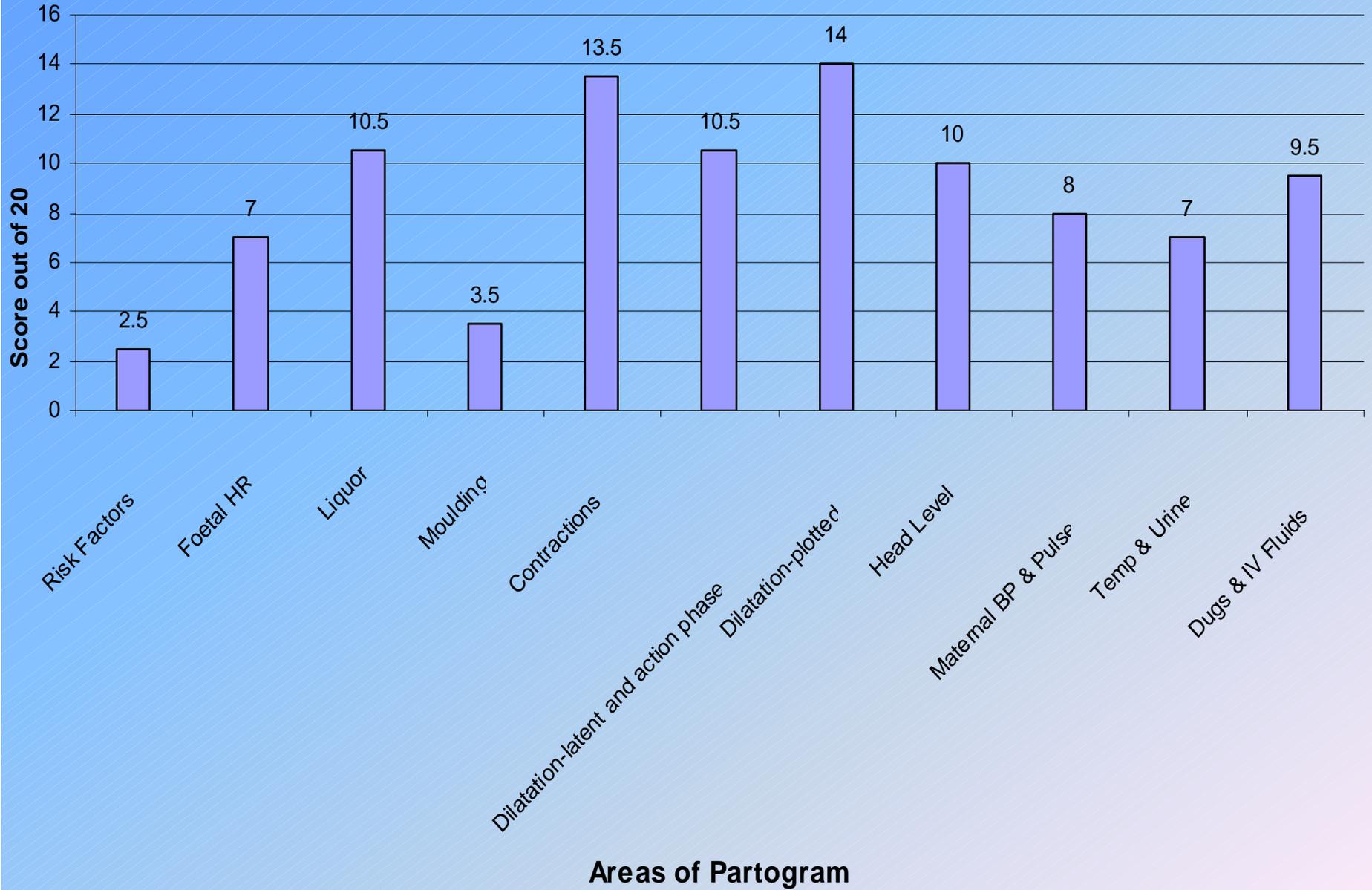
Sections of Maternity Case Book

Value Percentage %

Analysis

- Initial Assessment
 - Reason for low score
 - Developed and use their own admission form
 - Mid wives complete form so no double checking
- Management of Labour
 - Completed by Doctors
 - No explanation has been forwarded
- Newborn assess and Labour summary
 - Highest score

Results of of Initial Partogram Review



Analysis

- Scores below 50 %
 - Risk factors,
 - Foetal HR, ($\frac{1}{2}$ hrly monitoring)
 - Moulding,
 - Maternal BP & Pulse, (hrly monitoring)
 - T & Urine, (value & volume)
 - Drugs & IV Fluids
- Scores above 50 %
 - Liquor,
 - Contractions,
 - Dilatation
 - Head levels

RE-EVALUATION

Results of Record of Labour Post Training



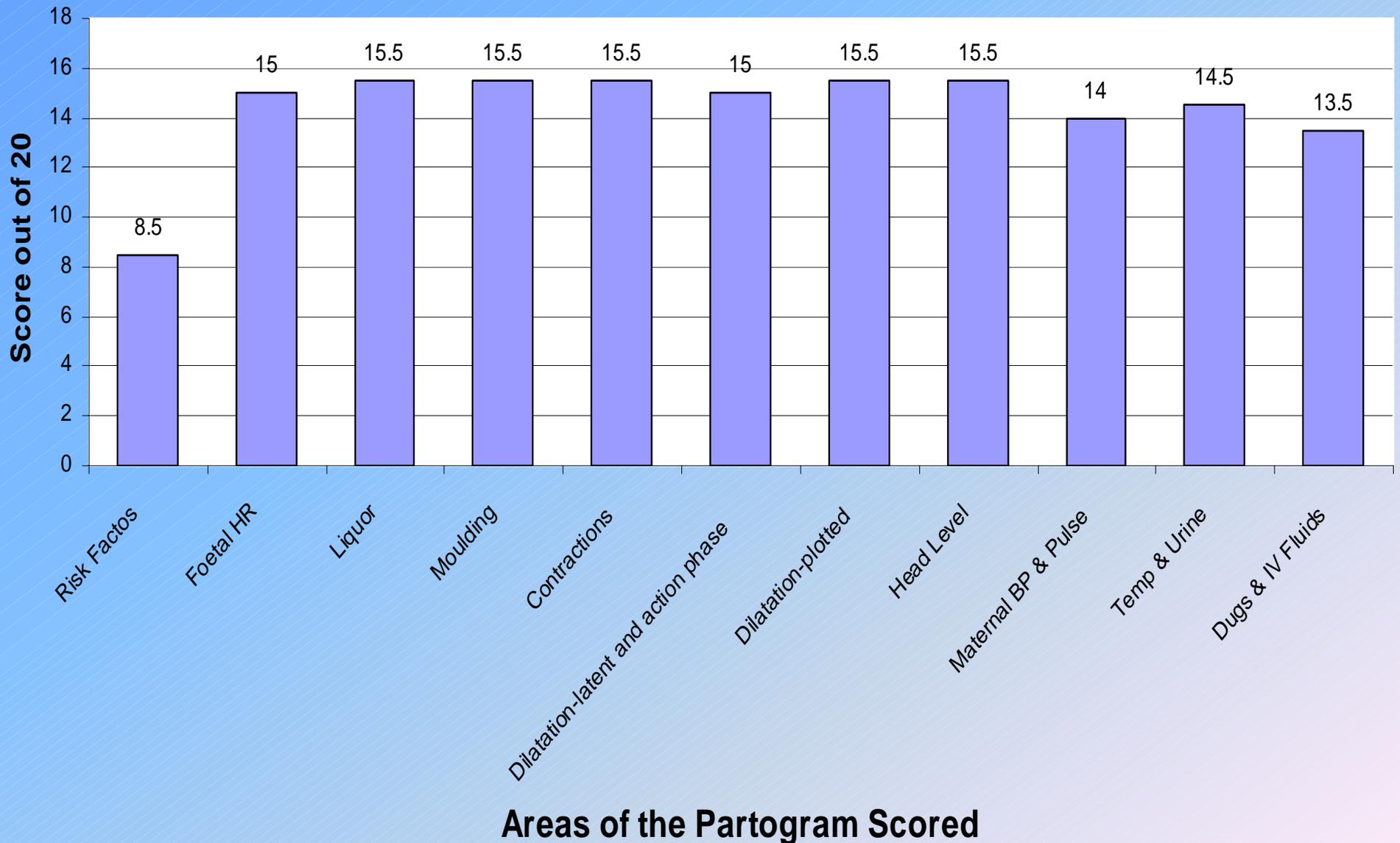
Sections of the Maternity Case Book

Value Percentage %

Analysis

- Initial Assessment
 - Expectation – 100% (incl of Nurse Form)
 - Finding – 60%
 - Due to NO double checking and fully dilated patients
- Labour Graph
 - Expectation – 100%
 - Finding – 71.8%
 - Due to fully dilated patients not plotted

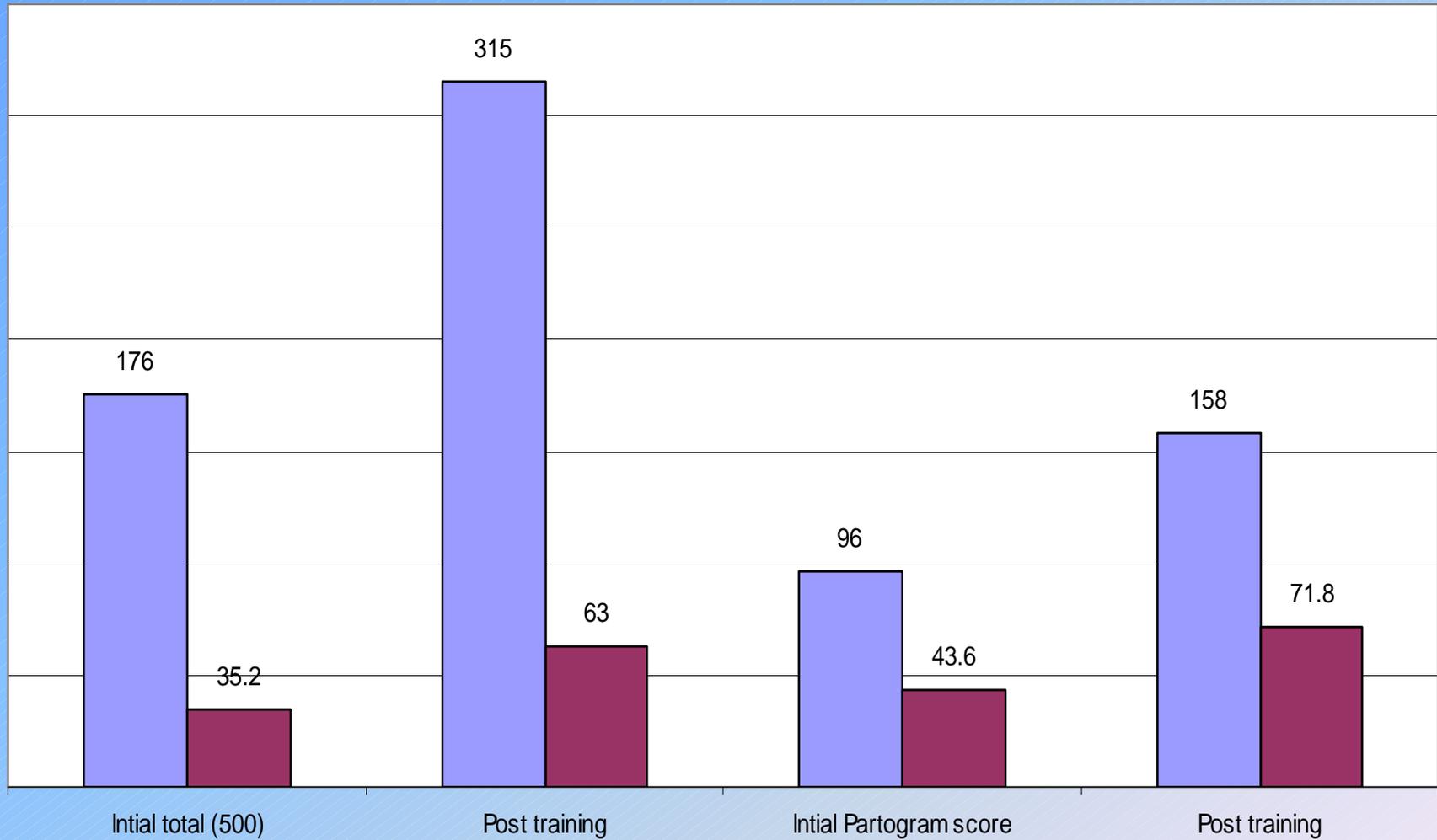
Results of Partogram Post Training



Analysis

- Areas still below 50%
 - Risk Factors
- All partograms fully completed, however did not reach 100% because 5 patients (out of the 20) presented fully dilated

Summary of Results of Audit

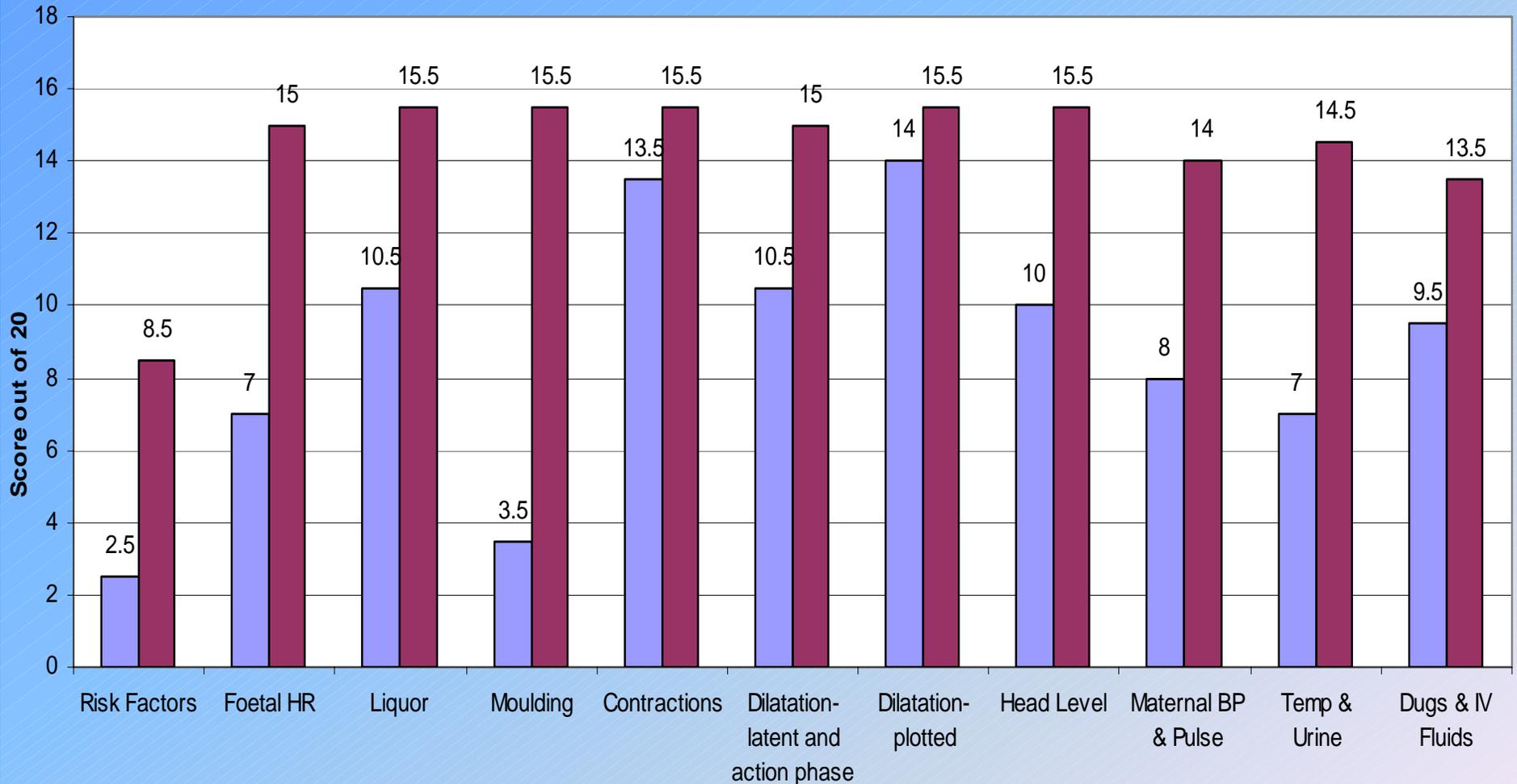


Score and Percentage given

Analysis

- 100% improvement with all scores almost doubling post training session

Comparison of Results of Partogram



Areas of the Partogram

□ Before ■ After

Conclusion

- “Use of partogram allows for early identification of problems and intervention.”
- Poor record could possibly be having a direct influence on the increased incidence of neonatal complications.
- Contributing factor to poor record keeping is staff shortages

Recommendations

- Continue with the morning teaching with inclusion of partogram and aspects of maternity case book
- Use of standard guidelines
- Incorporation of more sheets for documentation in the maternity case book
- Review admission form in maternity case book

Acknowledgements