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Aim

NHS Lanarkshire has 3 university hospitals. One of these hospitals has onsite paediatrics. All sites deliver minor surgical interventions to children such as dental extractions, ENT procedures and ophthalmology procedures. The staff within perioperative services felt they had limited knowledge, skills and confidence in the care of paediatrics. The clinical skills development team worked collaboratively



with the 3 acute teaching hospitals to develop a bespoke paediatric course which encompassed the core knowledge and skills required for perioperative staff looking after children and delivered this in-situ during protected learning time. This opened up equal access to paediatric training across perioperative services within the clinical work environment.



Methods

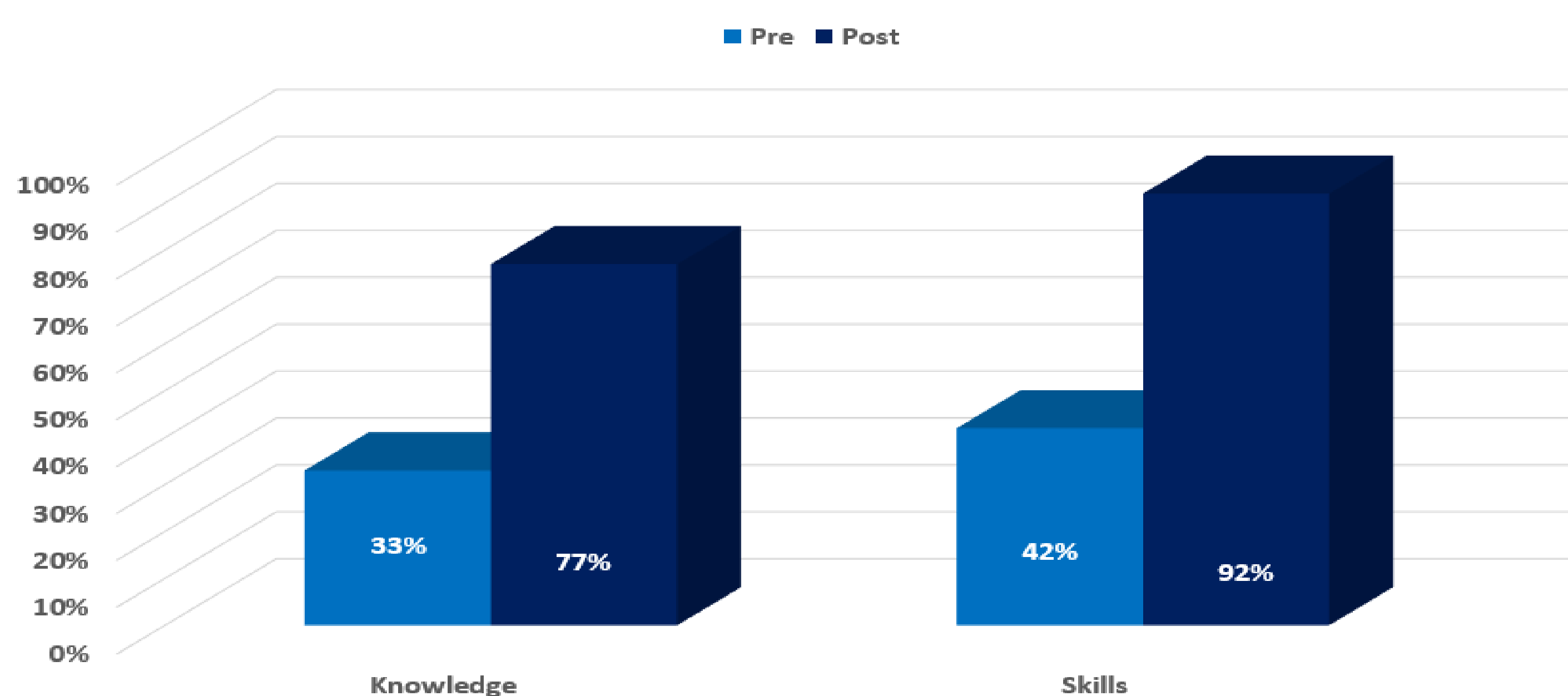
A mixed methods approach was used. Perceived knowledge, skills and confidence were measured using a self-reporting survey pre and post session delivery. Qualitative data was collected to gain richer information and insight into knowledge, skills and confidence in the care of paediatric cases. 28 participants completed the pre and post session surveys across the 3 sites. The sessions were inter-professional and included registered nurses, clinical support workers, students and ODPs.



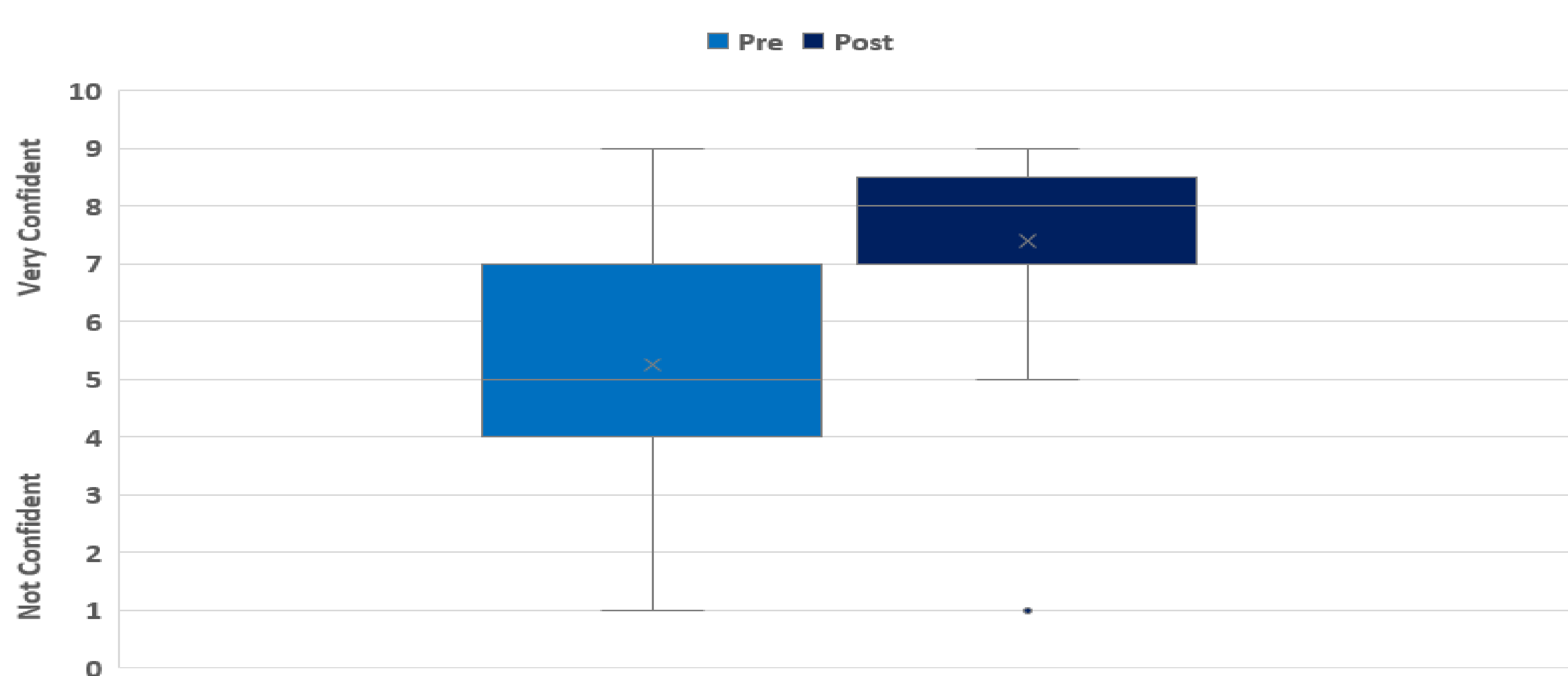
Results

Working collaboratively to deliver in-situ paediatric training specific to perioperative services improved perceived knowledge by 44%, perceived skill by 50% and shifted mean confidence level from 5.26 to 7.40. The comments gathered from the qualitative side identified drug and fluid administration as key areas for further development.

Deteriorating Child & Initial Resuscitation Candidate Perceived Knowledge & Skills



Deteriorating Child & Initial Resuscitation Candidate Perceived Confidence



Conclusion

The development of a needs specific, inter-professional course, delivered in-situ across all 3 hospital sites opened up equal access to appropriate level paediatric training. This significantly improved perceived knowledge, skills and confidence and allowed inter-professional learning within the clinical environment.

Acknowledgment

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