

Supplementary file: Healthcare Provider Scores Subgroup Analysis

	Score Mean (SD)												
	Total =34	Role						Experience level		Participation in priortraining or initial training in March 2022			
		Doctor =2	Intern Doctor =2	Nurse =13	Intern Nurse =1	Midwife =8	Ward attendant =4	Less than 2 years =10	2 years or more =18	Both =10	Prior training =3	March 2022 =14	Neither =6
I am satisfied with the vacuum training I received	4.39 (0.56)	5.0 (0)	4.5 (0.71)	4.23 (0.44)	4.0	4.38 (0.74)	4.5 (0.58)	4.46 (0.52)	4.33 (0.62)	4.3 (0.68)	4.67 (0.58)	4.38 (0.51)	4.5 (0.55)
I am satisfied with the content of the vacuum assisted birth training program and the practices covered	4.21 (0.64)	5.0 (0)	4.0 (0.71)	4.31 (0.48)	4.0	3.88 (1.0)	4.0 (0)	4.46 (0.52)	3.94 (0.68)	4.0 (0.94)	4.67 (0.58)	4.31 (0.48)	4.14 (0.38)
I agree that training prepared me for clinical practice	4.45 (0.67)	5.0 (0)	5.0 (0)	4.38 (0.51)	5.0	4.25 (1.04)	4.67 (0.58)	4.62 (0.51)	4.33 (0.82)	4.3 (0.95)	4.67 (0.58)	4.5 (0.52)	4.57 (0.54)
As a result of the training, I agree that I am able to incorporate vacuum assisted birth into my daily practice	4.21 (0.91)	5.0 (0)	5.0 (0)	4.31 (0.63)	5.0	3.38 (1.19)	4.5 (1.0)	4.54 (0.66)	4.0 (1.10)	3.8 (1.32)	4.33 (1.15)	4.38 (0.65)	4.43 (0.54)
I agree that the practices from the training were in line with the practical realities and resources of the labour ward	4.38 (0.70)	5.0 (0)	4.5 (0.71)	4.54 (0.52)	4.0	4.0 (1.07)	4.5 (0.58)	4.62 (0.51)	4.19 (0.83)	4.1 (0.99)	5.0 (0)	4.54 (0.52)	4.29 (0.49)
I agree that the training was adapted to my clinical level	4.29 (0.76)	5.0 (0)	4.5 (0.71)	4.38 (0.51)	4.0	4.25 (1.04)	4.25 (0.5)	4.46 (0.52)	4.25 (0.78)	4.2 (0.92)	4.67 (0.58)	4.38 (0.51)	4.43 (0.54)
For those who attended the training in March 2022: It was useful to combine the training in prolonged and obstructed labour and vacuum assisted birth training in the first training session	3.92 (0.83)	5.0 (0)		4.0 (0.87)		3.86 (1.07)	3.75 (0.71)	4.0 (1.0)	4.0 (0.82)	4.0 (0.94)		3.92 (0.76)	
I agree that the management in labour ward support me in using my vacuum assisted birth skills	4.26 (0.71)	5.0 (0)	4.5 (0.71)	4.31 (0.48)	5.0	3.88 (1.0)	4.75 (0.5)	4.46 (0.52)	4.19 (0.83)	4.0 (0.94)	4.33 (0.58)	4.46 (0.52)	4.43 (0.54)
Team training has been conducted biweekly after initial training, I agree that it has been useful to ensure that vacuum is used in clinical practice	4.35 (0.65)	5.0 (0)	5.0 (0)	4.15 (0.38)	5.0	4.25 (1.04)	4.5 (0.58)	4.54 (0.52)	4.19 (0.75)	4.2 (0.92)	5.0 (0)	4.31 (0.48)	4.43 (0.54)
I agree that the team training is a good way to maintain my skills in vacuum assisted birth	4.44 (0.75)	5.0 (0)	5.0 (0)	4.46 (0.67)	5.0	4.25 (1.16)	4.25 (0.5)	4.62 (0.65)	4.31 (0.87)	4.3 (1.06)	4.67 (0.58)	4.38 (0.65) *	4.71 (0.49)
I agree that a biweekly team training during morning sessions fits with the workflow of the labour ward	4.15 (0.89)	5.0 (0)	4.5 (0.71)	4.31 (0.86)	4.0	3.75 (1.04)	3.0 (1.41)	4.46 (0.88)	3.94 (0.77)	3.7 (0.82)	5.0 (0)	4.31 (0.86)	4.43 (0.54)
Clinical mentorship has been conducted for two weeks by an experienced obstetrician after the initial training, I agree that this has been important to ensure that vacuum is used in clinical practice.	4.12 (0.64)	5.0 (0)	4.5 (0.71)	4.15 (0.56)	4.0	4.0 (0.54)	3.5 (2.12)	4.31 (0.63)	4.06 (0.44)	4.0 (0.47)	4.33 (0.58)	4.23 (0.6)	4.29 (0.49)
I think that clinical mentorship is an important way to maintain my skills in vacuum assisted birth	4.29 (0.84)	5.0 (0)	5.0 (0)	4.38 (0.51)	5.0	3.5 (1.20)	4.0 (0)	4.62 (0.51)	4.06 (1.06)	3.7 (1.16)	4.67 (0.58)	4.46 (0.52)	4.71 (0.49)
I believe that clinical mentorship fits with the workflow of the labour ward	4.15 (0.74)	5.0 (0)	4.5 (0.71)	4.15 (0.56)	5.0	3.88 (1.25)	4.0 (0)	4.31 (0.63)	3.94 (0.85)	3.8 (1.03)	4.33 (0.58)	4.15 (0.56)	4.57 (0.54)
Vacuum equipment is available in the labour ward when I need it	4.0 (0.78)	4.5 (0.71)	4.0 (0)	4.15 (0.80)	4.0	4.0 (0.93)	4.0 (1.0)	4.15 (0.56)	3.75 (0.93)	3.7 (0.95)	4.33 (0.58)	4.15 (0.80)	4.0 (0.58)
I use the SOP (procedure for vacuum) to safely perform vacuum in the ward	4.15 (0.82)	5.0 (0)	4.5 (0.71)	4.31 (0.48)	5.0	3.88 (0.64)	2.5 (2.12)	4.69 (0.48) *	3.94 (0.44) *	3.8 (0.42) *	4.67 (0.58)	4.23 (0.6)	4.71 (0.49) *
I agree that the SOP (Procedure for vacuum) is useful as a guide to performing vacuum assisted birth in the ward	4.18 (0.80)	5.0 (0)	5.0 (0)	4.23 (0.44)	5.0	4.12 (0.64)	4.0 (0.82)	4.54 (0.52) *	4.12 (0.5) *	4.1 (0.57)	4.33 (0.58)	4.23 (0.6)	4.57 (0.54)
I agree that the checklist is useful as a guide to performing vacuum assisted birth in the ward	4.38 (0.70)	5.0 (0)	4.5 (0.71)	4.38 (0.51)	5.0	4.25 (1.04)	4.0 (0.82)	4.54 (0.52)	4.25 (0.78)	4.1 (0.88)	4.67 (0.58)	4.23 (0.6) *	4.86 (0.38) *
I agree that the equipment is available when need for the procedure	4.03 (0.83)	4.5 (0.71)	4.0 (1.41)	4.31 (0.86)	4.0	3.5 (1.07)	4.0 (0)	4.31 (0.63)	3.75 (1.0)	3.5 (1.18)	4.33 (0.58)	4.23 (0.44)	4.29 (0.76)
I agree that the equipment is suitable to succeed in performing the procedure	4.06 (0.89)	4.5 (0.71)	3.0 (2.83)	4.23 (0.44)	4.0	4.12 (1.0)	4.25 (0.5)	3.77 (1.09)	4.19 (0.55)	4.1 (0.88)	3.67 (1.53)	4.23 (0.44) *	3.86 (1.35)

Abbreviation: SD=Standard deviation;
Score: 1=strongly disagree; 2=disagree; 3=neither agree nor disagree; 4=agree; 5=strongly agree.
*p-value