

REPORT ON THE PET TRAINING DAR ES SALAAM, TANZANIA NOVEMBER 2024

Background: Paediatric Epilepsy Training (PET) is a short course created by the British Paediatric Neurology Association, aimed at enhancing the care of children who present with seizures and epilepsies. The course is designed for pediatricians, medical officers, and emergency professionals who care for children and young adults experiencing seizures and epilepsies. PET-1 is a one-day training course intended for clinicians who encounter children and young adults presenting with seizures and epilepsies for the first time. In Tanzania, PET-1 has been conducted in partnership with the Paediatric Association of Tanzania (PAT). The courses have been run in the country every year since 2016.

The course: This year, the course took place in Dar Es Salaam on November 23, 2024, at the Muhimbili University of Health and Allied Sciences (MUHAS). The course comprises of classroom didactic lectures and small workshop groups of 8-9 participants. This year we had 38 participants and 8 faculties.

Whole Group Session



The table below shows the training schedule.

08.00 - 08.30	Registration with tea and coffee		
08:30 – 10.50	Session 1: History and differential diagnoses		
08.30-08.45	1. Welcome to PET1	Large group	Course Director/Kija
08.45-09.15	2. Taking the history & video opportunities	Large group	Dr.Aika
09:15-10.00	3. Fits & funny turns	Large group	Dr. Yusuf Jamnagerwalla
10.00-10.20	4. Untangling...	Small group	ALL (Victoria, Evance, Faith, Aika)
10:20-10.50	5. Febrile seizures	Small group	ALL (Victoria, Evance, Faith, Aika)
10.50 – 11.15	Tea and coffee break		
11.15 – 13.15	Session 2: Seizures and syndromes		
11.15-11.35	6. Epileptic seizures & epilepsies	Large Group	Dr. Faith Mosha
11.35-11.55	7. The EEG	Large group	Dr. Kombo
11.55-12.15	8. Neuroimaging	Large group	Dr. Victoria Ndembo
12.45 – 14.00	Lunch		
14.00 - 15.30	9. Epilepsy syndromes	Small group	ALL (Yusuf, Aika, Victoria, Evance)
	Session 3: Acute management and risks		
14.00-14.30	10. Epilepsy and risks	Large group	Dr. Faith Mosha
14.30-15.00	11. Epilepsy, learning & mental health	Large group	Dr. Yusuf
15.00-15.30	12. Meaning of & approaches to comprehensive care	Small group	ALL ((Victoria, Evance, Kombo, Aika)
15.30 - 15.45	Tea and coffee break		
15.45 -17.15	Session 4: Treatment and co-morbidities		
15.45-16.15	13. Acute presentations	Large group	Dr. Namala
16.15-16.45	14. Medical treatment	Large group	Dr. Kombo
16.45-17.15	15. Wrapping up!	Large group	Course Director/Kija
17.15	Close		
17.15 – 17.45	Faculty feedback meeting		

Workshop



Group Photo



The course was very successful; trainees demonstrated a significant improvement in knowledge. The average pre-test score was 59.93%, while the post-training score rose to 82.16%. (See the attached scores)

The trainees provided very positive feedback. All participants found the course to be excellent, met their expectations, and would recommend it to their colleagues. (See the attached summary of feedback)

Conclusion and Recommendation:

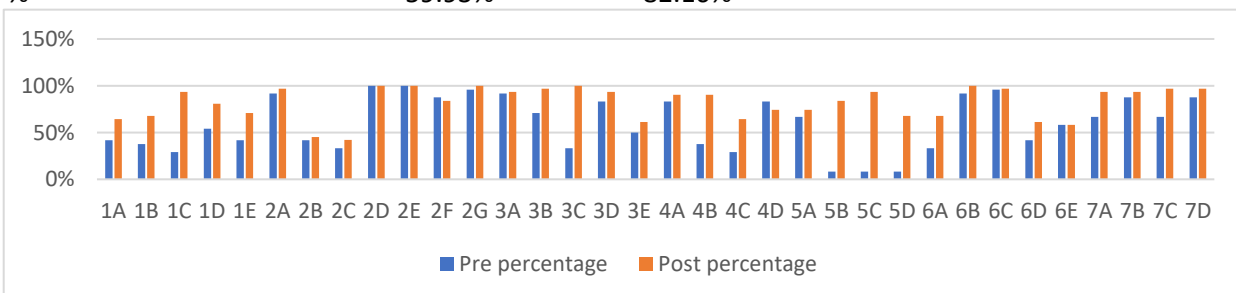
PET-1 training is a highly valuable course in Tanzania, demonstrating its significance in equipping trainees with essential knowledge and skills for managing children with seizures and epilepsies.

We further recommend additional training across the country to reach more clinicians who attend to children and adolescents presenting with seizures and epilepsies.

PET1 Dar es Saalam, Tanzania Quiz Results

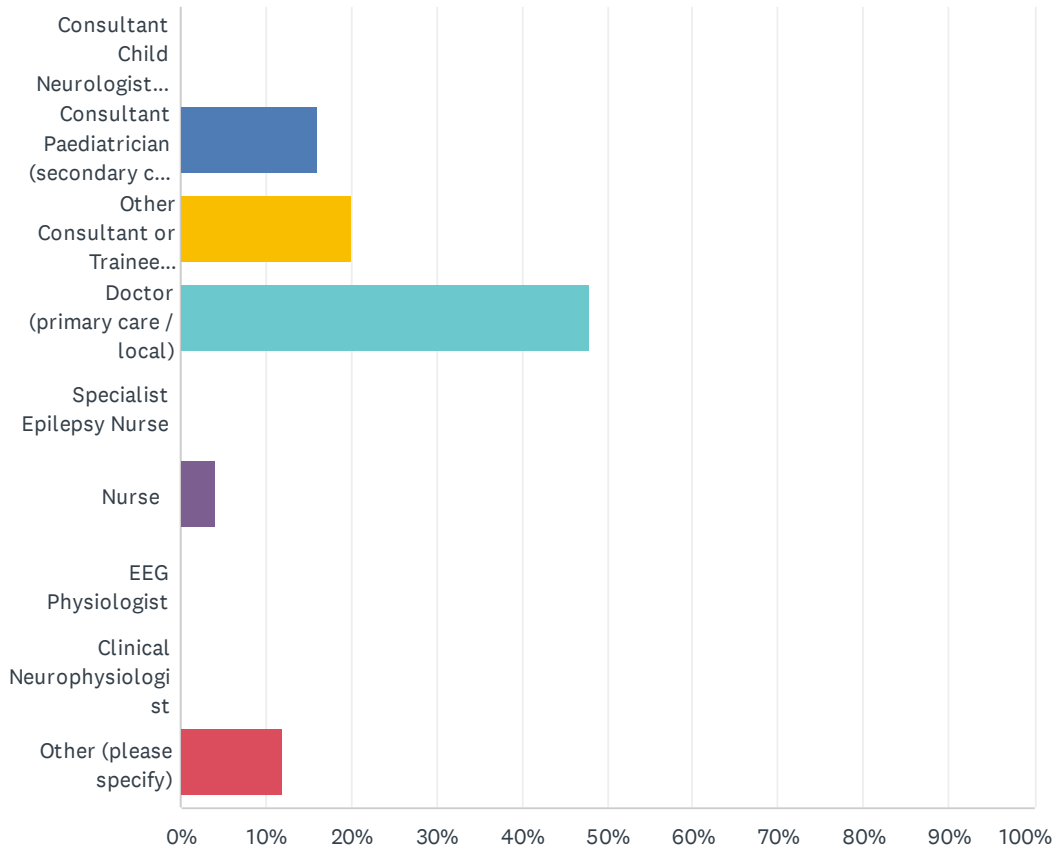
Forms completed pre = 24
 Forms completed post = 31
 Number of questions = 34

Question	Pre course Score	Post Course Score	Pre percentage	Post percentage
1A	10	20	42%	65%
1B	9	21	38%	68%
1C	7	29	29%	94%
1D	13	25	54%	81%
1E	10	22	42%	71%
2A	22	30	92%	97%
2B	10	14	42%	45%
2C	8	13	33%	42%
2D	24	31	100%	100%
2E	24	31	100%	100%
2F	21	26	88%	84%
2G	23	31	96%	100%
3A	22	29	92%	94%
3B	17	30	71%	97%
3C	8	31	33%	100%
3D	20	29	83%	94%
3E	12	19	50%	61%
4A	20	28	83%	90%
4B	9	28	38%	90%
4C	7	20	29%	65%
4D	20	23	83%	74%
5A	16	23	67%	74%
5B	2	26	8%	84%
5C	2	29	8%	94%
5D	2	21	8%	68%
6A	8	21	33%	68%
6B	22	31	92%	100%
6C	23	30	96%	97%
6D	10	19	42%	61%
6E	14	18	58%	58%
7A	16	29	67%	94%
7B	21	29	88%	94%
7C	16	30	67%	97%
7D	21	30	88%	97%
No correct	489	866		
Denominator	816	1054		
%	59.93%	82.16%		



Q1 What is your job role?

Answered: 25 Skipped: 0



ANSWER CHOICES	RESPONSES	
Consultant Child Neurologist (tertiary care / teaching hospital)	0.00%	0
Consultant Paediatrician (secondary care / district general hospital)	16.00%	4
Other Consultant or Trainee (secondary care / district general hospital)	20.00%	5
Doctor (primary care / local)	48.00%	12
Specialist Epilepsy Nurse	0.00%	0
Nurse	4.00%	1
EEG Physiologist	0.00%	0
Clinical Neurophysiologist	0.00%	0
Other (please specify)	12.00%	3
TOTAL		25

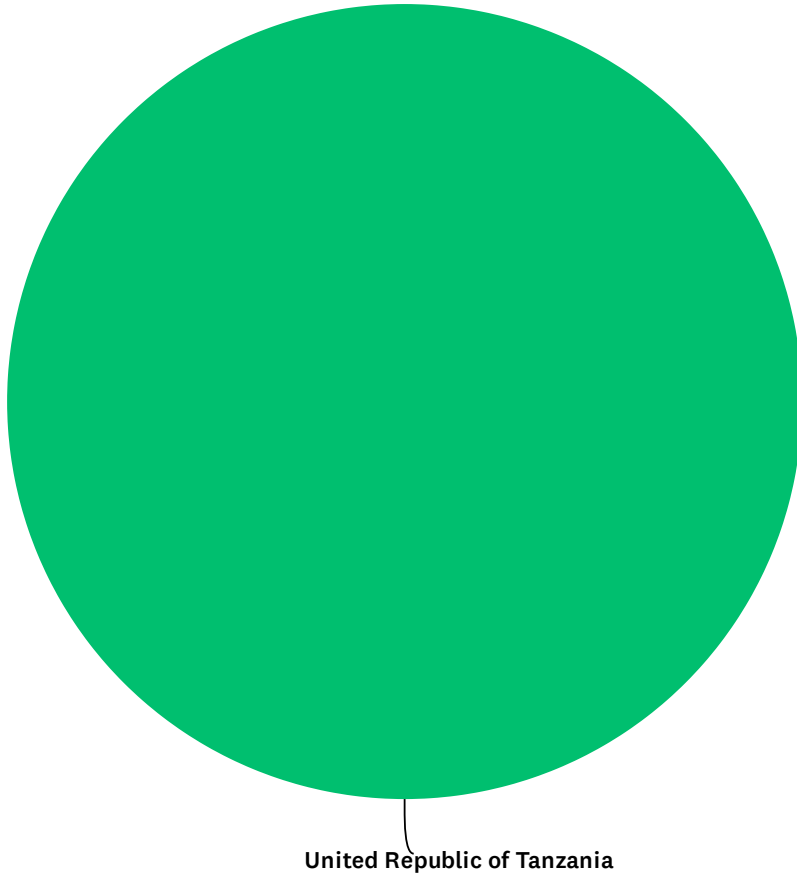
#	OTHER (PLEASE SPECIFY)	DATE
1	Resident pediatrics	11/23/2024 3:37 PM

2023-25 PET1 Feedback (2023 Edition)

2	Resident paediatrics	11/23/2024 3:37 PM
3	Resident	11/23/2024 3:35 PM

Q2 In what country do you work?

Answered: 25 Skipped: 0

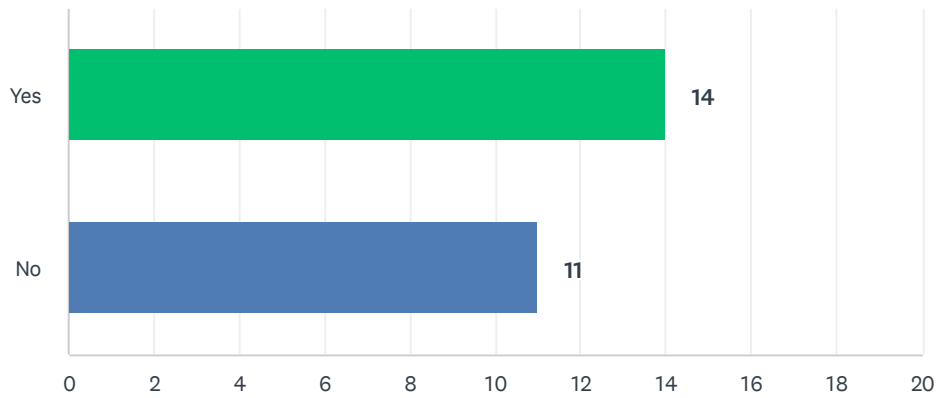


United Republic of Tanzania

ANSWER CHOICES	RESPONSES
United Republic of Tanzania	100.00% 25
TOTAL	25

Q4 Did you work through the pre-course workbook?

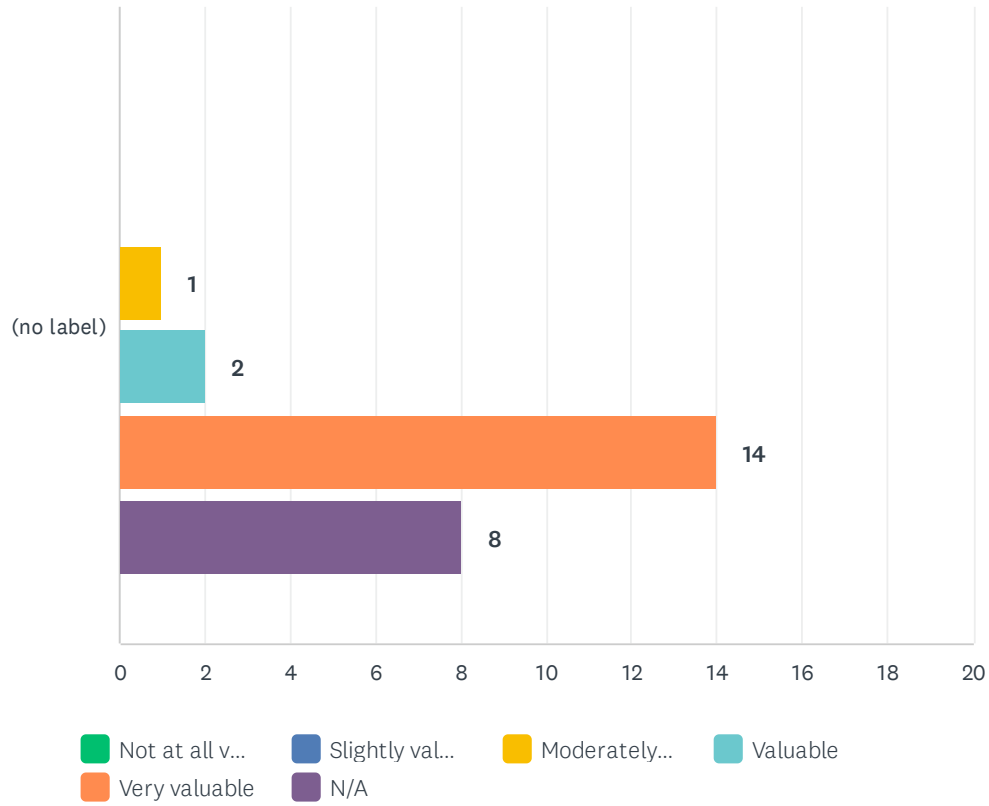
Answered: 25 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	56.00%	14
No	44.00%	11
TOTAL		25

Q5 How valuable was the pre course workbook?

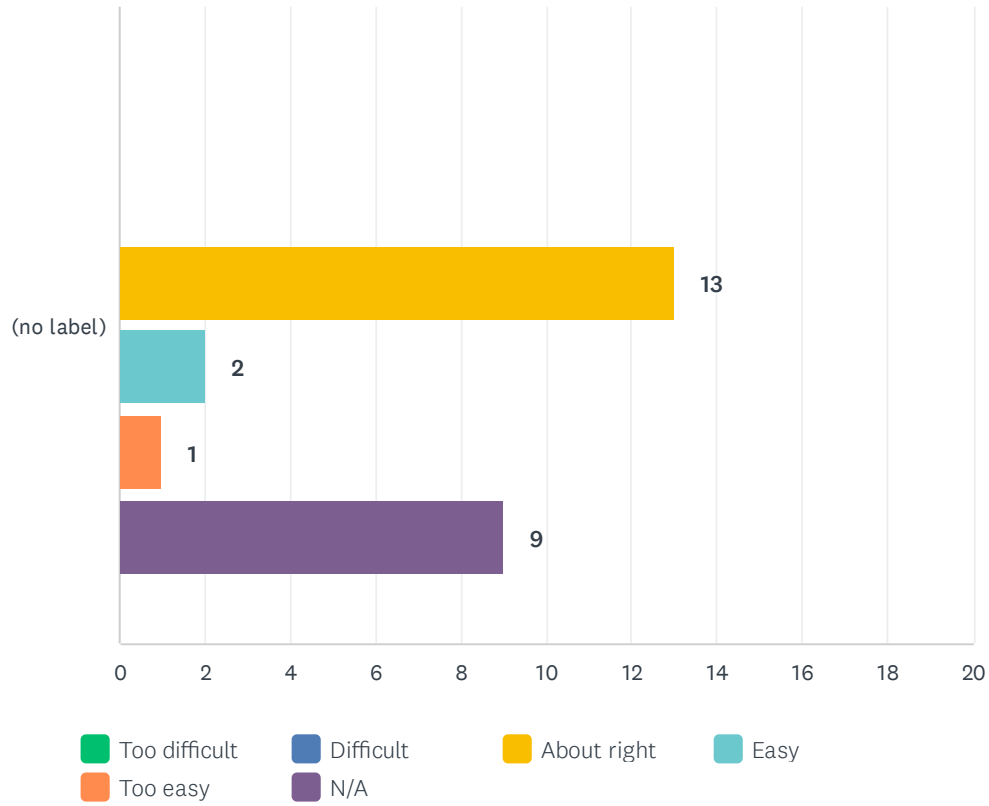
Answered: 25 Skipped: 0



	NOT AT ALL VALUABLE	SLIGHTLY VALUABLE	MODERATELY VALUABLE	VALUABLE	VERY VALUABLE	N/A	TOTAL	WEIGHTED AVERAGE
(no label)	0.00%	0.00%	4.00%	8.00%	56.00%	32.00%	25	4.76
	0	0	1	2	14	8		

Q6 Was the pre course workbook pitched at the right level?

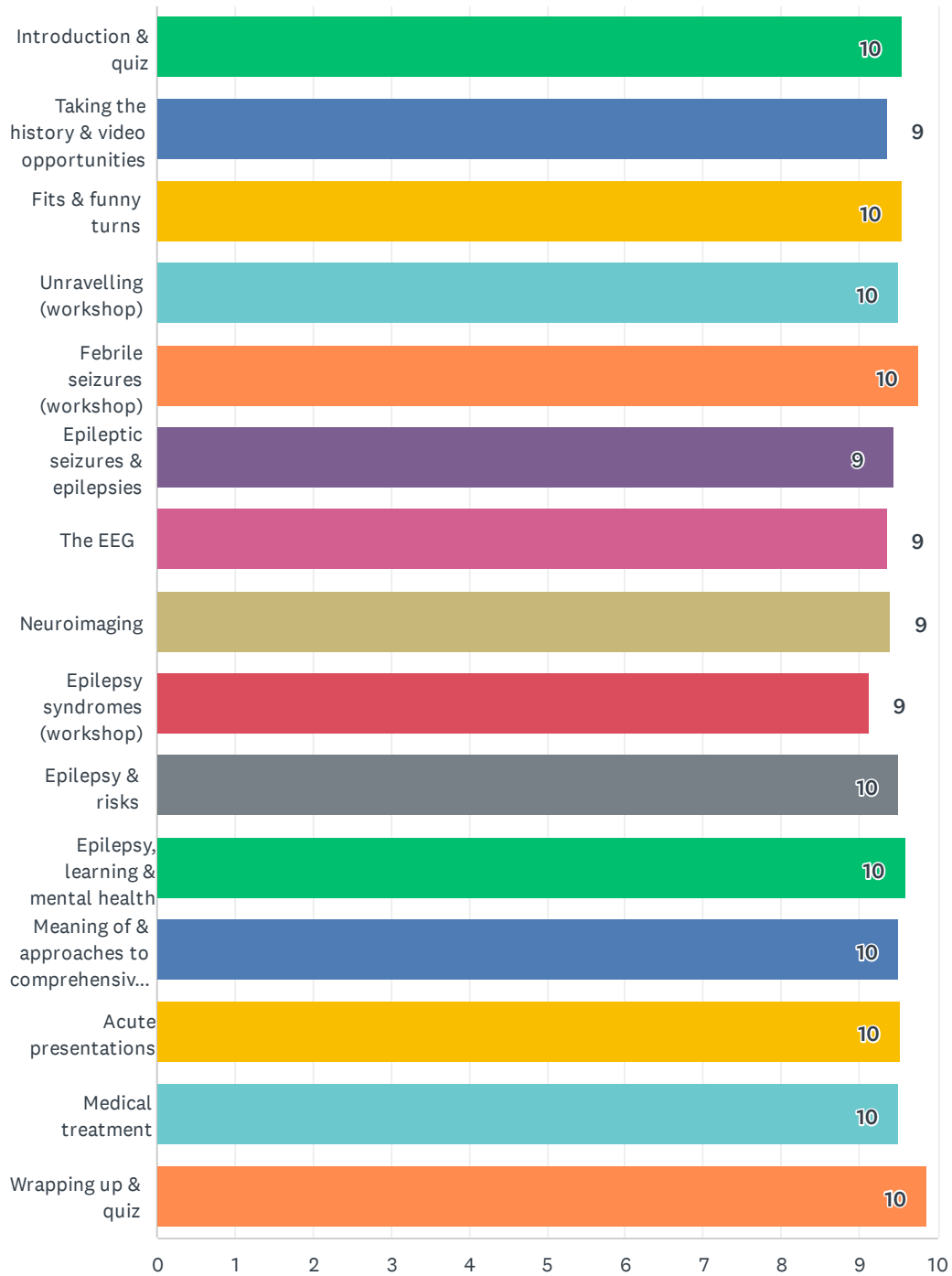
Answered: 25 Skipped: 0



	TOO DIFFICULT	DIFFICULT	ABOUT RIGHT	EASY	TOO EASY	N/A	TOTAL	WEIGHTED AVERAGE
(no label)	0.00% 0	0.00% 0	52.00% 13	8.00% 2	4.00% 1	36.00% 9	25	4.50

Q7 About the course (1=Very poor, 10= Excellent)

Answered: 25 Skipped: 0

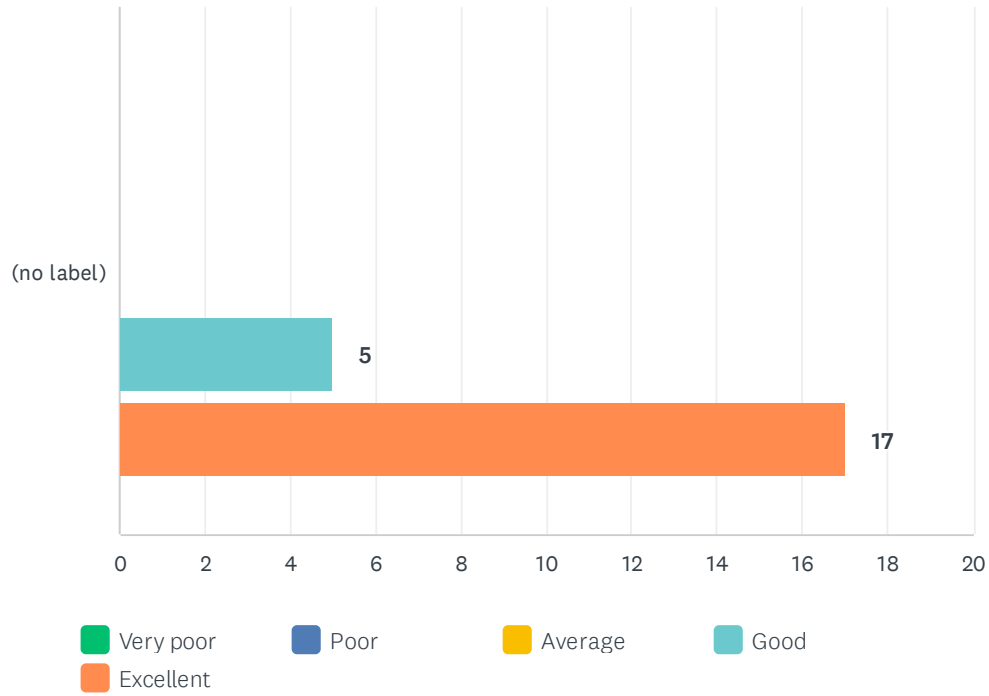


2023-25 PET1 Feedback (2023 Edition)

	1 VERY POOR	2	3	4	5	6	7	8	9	10 EXCELLENT	TOTAL
Introduction & quiz	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	4.00% 1	12.00% 3	8.00% 2	76.00% 19	2
Taking the history & video opportunities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	8.00% 2	12.00% 3	16.00% 4	64.00% 16	2
Fits & funny turns	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	16.00% 4	12.00% 3	72.00% 18	2
Unravelling (workshop)	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	16.00% 4	16.00% 4	68.00% 17	2
Febrile seizures (workshop)	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	4.00% 1	16.00% 4	80.00% 20	2
Epileptic seizures & epilepsies	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	4.00% 1	16.00% 4	12.00% 3	68.00% 17	2
The EEG	0.00% 0	0.00% 0	4.00% 1	0.00% 0	0.00% 0	0.00% 0	4.00% 1	8.00% 2	8.00% 2	76.00% 19	2
Neuroimaging	0.00% 0	0.00% 0	0.00% 0	4.00% 1	0.00% 0	0.00% 0	4.00% 1	4.00% 1	16.00% 4	72.00% 18	2
Epilepsy syndromes (workshop)	0.00% 0	0.00% 0	0.00% 0	4.00% 1	0.00% 0	0.00% 0	8.00% 2	12.00% 3	16.00% 4	60.00% 15	2
Epilepsy & risks	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	4.00% 1	0.00% 0	8.00% 2	16.00% 4	72.00% 18	2
Epilepsy, learning & mental health	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	12.00% 3	16.00% 4	72.00% 18	2
Meaning of & approaches to comprehensive care (workshop)	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	20.83% 5	8.33% 2	70.83% 17	2
Acute presentations	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	8.33% 2	29.17% 7	62.50% 15	2
Medical treatment	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	4.00% 1	8.00% 2	20.00% 5	68.00% 17	2
Wrapping up & quiz	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	12.00% 3	88.00% 22	2

Q8 Overall the course was

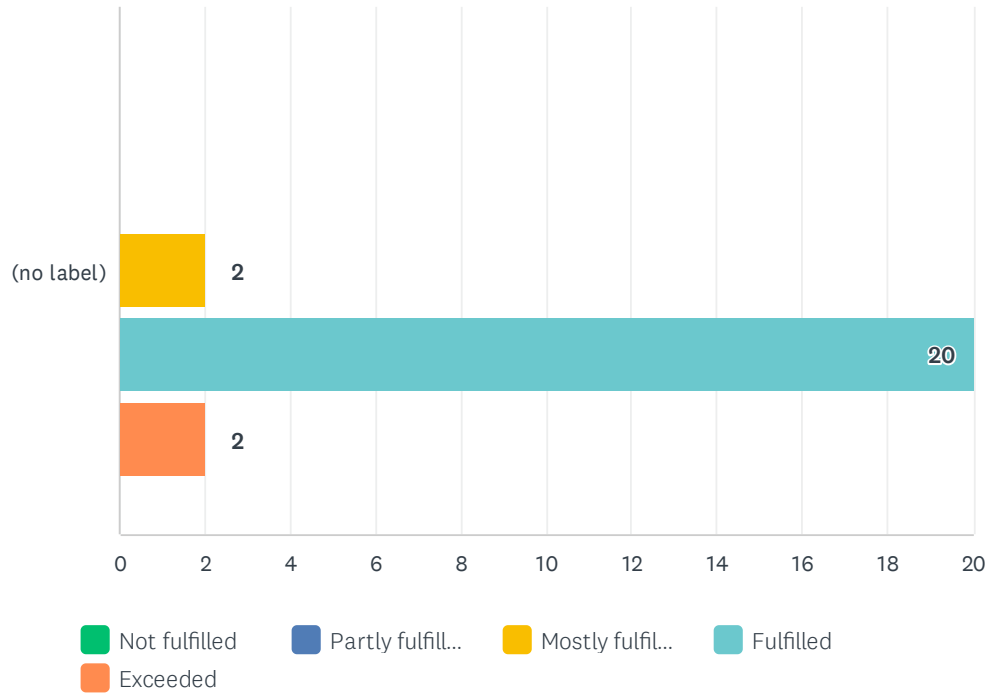
Answered: 22 Skipped: 3



	VERY POOR	POOR	AVERAGE	GOOD	EXCELLENT	TOTAL	WEIGHTED AVERAGE
(no label)	0.00%	0.00%	0.00%	22.73%	77.27%	22	4.77
	0	0	0	5	17		

Q9 My expectations of the course were

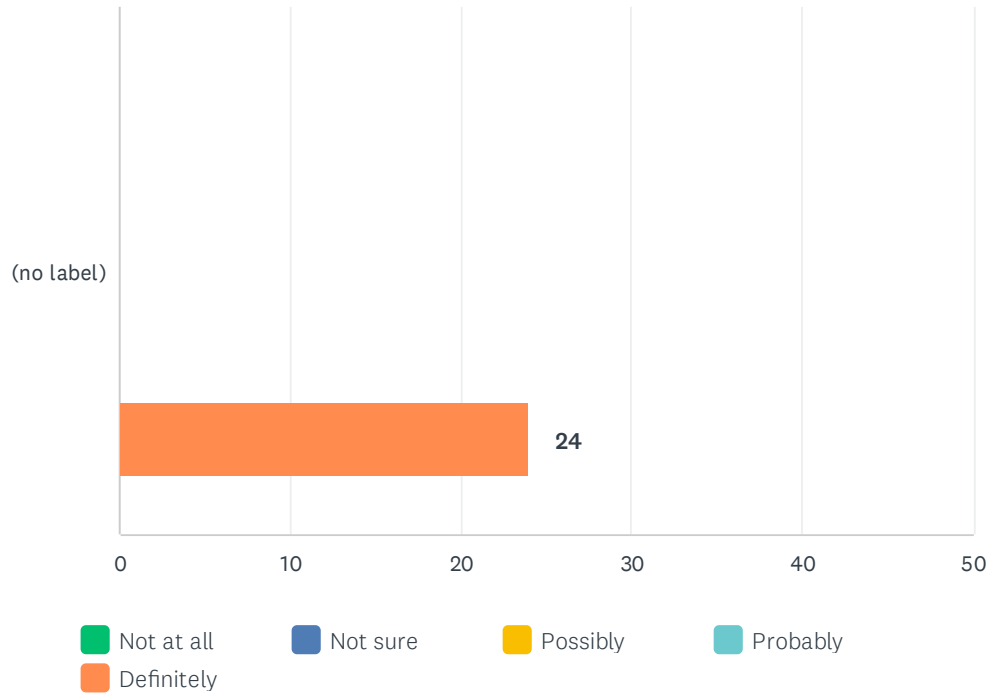
Answered: 24 Skipped: 1



	NOT FULFILLED	PARTLY FULFILLED	MOSTLY FULFILLED	FULFILLED	EXCEEDED	TOTAL	WEIGHTED AVERAGE
(no label)	0.00% 0	0.00% 0	8.33% 2	83.33% 20	8.33% 2	24	4.00

Q10 Will you recommend PET1 to colleagues?

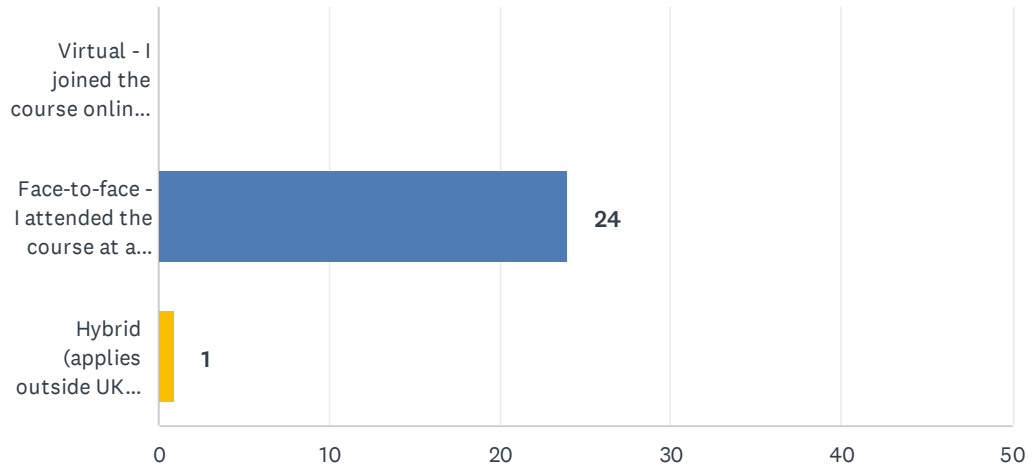
Answered: 24 Skipped: 1



	NOT AT ALL	NOT SURE	POSSIBLY	PROBABLY	DEFINITELY	TOTAL	WEIGHTED AVERAGE
(no label)	0.00%	0.00%	0.00%	0.00%	100.00%	24	5.00
	0	0	0	0	24	24	

Q12 How did you attend PET1?

Answered: 25 Skipped: 0



ANSWER CHOICES	RESPONSES	
Virtual - I joined the course online from home or work	0.00%	0
Face-to-face - I attended the course at a venue with all course attendees	96.00%	24
Hybrid (applies outside UK only) - lectures took place online and workshops were held face-to-face	4.00%	1
TOTAL		25

Q13 How would you compare your experience of a virtual course compared to a face-to-face course?

Answered: 0 Skipped: 25

 No matching responses.

	DEFINITELY WORSE	WORSE	ABOUT THE SAME	BETTER	DEFINITELY BETTER	TOTAL	WEIGHTED AVERAGE
(no label)	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q14 Would you prefer to attend this course virtually or face-to-face?

Answered: 0 Skipped: 25

 No matching responses.

	VIRTUAL	FACE-TO-FACE	TOTAL	WEIGHTED AVERAGE
(no label)	0.00% 0	0.00% 0	0	0.00

Q15 Would you attend another BPNA virtual course?

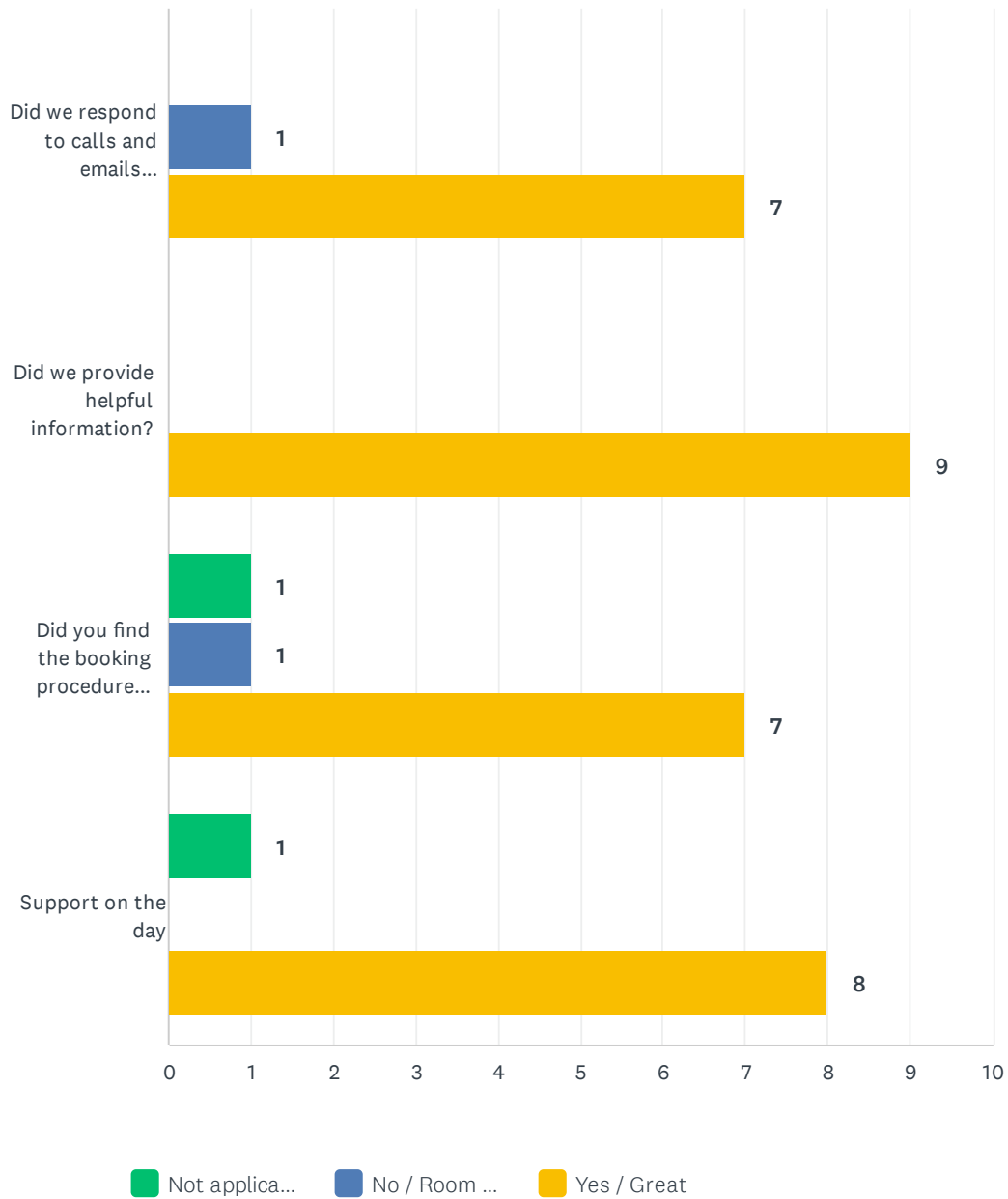
Answered: 0 Skipped: 25

 No matching responses.

	NO	NOT SURE	POSSIBLY	PROBABLY	DEFINITELY	TOTAL	WEIGHTED AVERAGE
(no label)	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q25 Admin

Answered: 9 Skipped: 16

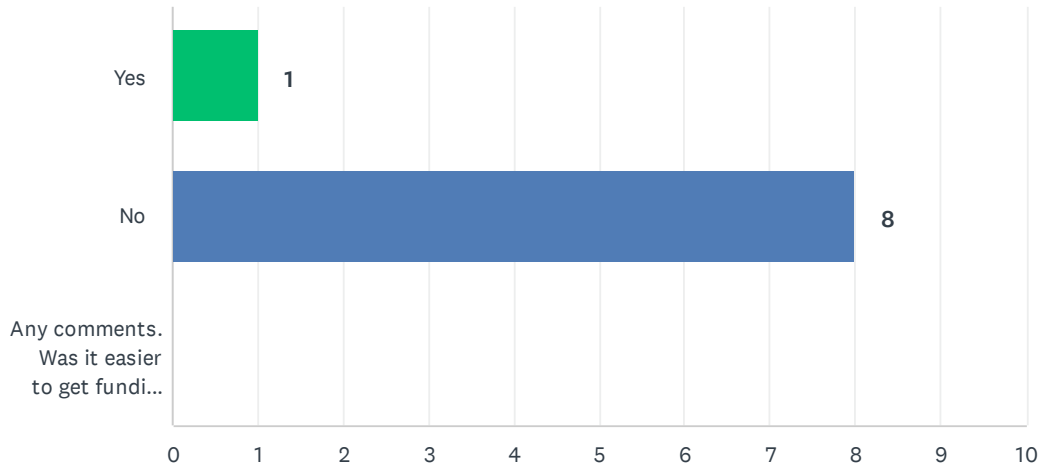


2023-25 PET1 Feedback (2023 Edition)

	NOT APPLICABLE	NO / ROOM FOR IMPROVEMENT	YES / GREAT	TOTAL	WEIGHTED AVERAGE
Did we respond to calls and emails promptly?	0.00% 0	12.50% 1	87.50% 7	8	2.00
Did we provide helpful information?	0.00% 0	0.00% 0	100.00% 9	9	0.00
Did you find the booking procedure straightforward?	11.11% 1	11.11% 1	77.78% 7	9	1.50
Support on the day	11.11% 1	0.00% 0	88.89% 8	9	1.00

Q26 Did you receive funding for this course?

Answered: 9 Skipped: 16



ANSWER CHOICES	RESPONSES
Yes	11.11% 1
No	88.89% 8
Any comments. Was it easier to get funding for this virtual course than it would otherwise have been?	0.00% 0
TOTAL	9

#	ANY COMMENTS. WAS IT EASIER TO GET FUNDING FOR THIS VIRTUAL COURSE THAN IT WOULD OTHERWISE HAVE BEEN?	DATE
	There are no responses.	

Q27 Comments

Answered: 7 Skipped: 18

#	RESPONSES	DATE
1	It was a good educative course Time management could have been better	11/23/2024 5:01 PM
2	Useful and very informative workshop	11/23/2024 3:39 PM
3	Thanks	11/23/2024 3:39 PM
4	It was the best course, we learnt alot of new things	11/23/2024 3:38 PM
5	Thank you for nice training	11/23/2024 3:38 PM
6	To start the schedule on time	11/23/2024 3:38 PM
7	Thanks 🙏	11/23/2024 3:37 PM