

## REPORT ON THE PET TRAINING MWANZA, TANZANIA SEPTEMBER 2025

**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 for the first time in Mwanza at the Bugando Medical center on September 12th, 2025. Bugando Medical center is the zonal referral hospital for the lake zone covering five regions Mwanza, Mara, Kagera, Shinyanga, Geita and Simiyu with a combined population of over 15 million according to the national 2022 census. The hospital is used as the teaching hospital for the Catholic University of Health and Allied Sciences (CUHAS). The course comprises of classroom didactic lectures and small workshop groups of 8-9 participants. During this course, we had 38 participants and 4 faculties.

### Whole Group Session



The table below shows the training schedule.

		Session	Lecturer
08.00 - 08.30	Registration and coffee		
08:30 – 10.50	Session 1: History and differential diagnoses		
08.30-08.45	1. Introduction, quiz & opening questions	Whole group	Course Director/Kija
08.45-09:15	2. Taking the history	Whole group	Dr. Edward Kija
09:15-10.00	3. Fits and funny turns	Whole group	Dr. Yusuf Jamnagerwalla
10.00-10.20	4. Untangling	Workshop	ALL (Yusuf, Evance, Namala, Kija)
10:20-10.50	5. Febrile seizures	Workshop	ALL (Yusuf, Evance, Namala, Kija)
10.50 – 11.15	Tea and coffee break		
11.15 – 13.15	Session 2: Seizures and syndromes		
11.15-11.35	6. Epileptic seizures and epilepsies	Whole Group	Dr. Edward Kija
11.35-11.55	7. The EEG	Whole group	Dr. Yusuf Jamnagerwalla
11.55-12.15	8. Neuroimaging	Whole group	Dr. Evance Godfrey
12.15-12.45	9. Epilepsy syndromes	Workshop	ALL (Yusuf, Aika, Victoria, Evance)
12.45 – 14.00	Lunch		
14.00 - 15.30	Session 3: Acute management and risks		
14.00-14.30	10. Epilepsy and risks	Whole group	Dr. Namala Mkopi
14.30-15.00	11. Epilepsy, Learning and Mental Health	Whole group	Dr. Evance Godfrey
15.00-15.30	12. Meaning of Approaches to Comprehensive Care	Workshop	ALL (Yusuf, Evance, Namala, Kija)
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	Whole group	Dr. Namala Mkopi
16.15-16.45	14. Medical treatment	Whole group	Dr. Yusuf Jamnagerwalla
16.45-17.15	15 Quiz	Whole group	Course Director/Kija
17.15	Finish		
17.30	Faculty feedback		

## Workshop



## A trainee receiving a certificate



## A Group Photo



The course was very successful; trainees demonstrated a significant improvement in knowledge. The average pre-test score was 51.22%, while the post-training score rose to 82.71%. (See the attached scores)

The trainees provided very positive feedback. They all enjoyed the course and wished it will be more than day so as to allow more time for discussions. 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:**

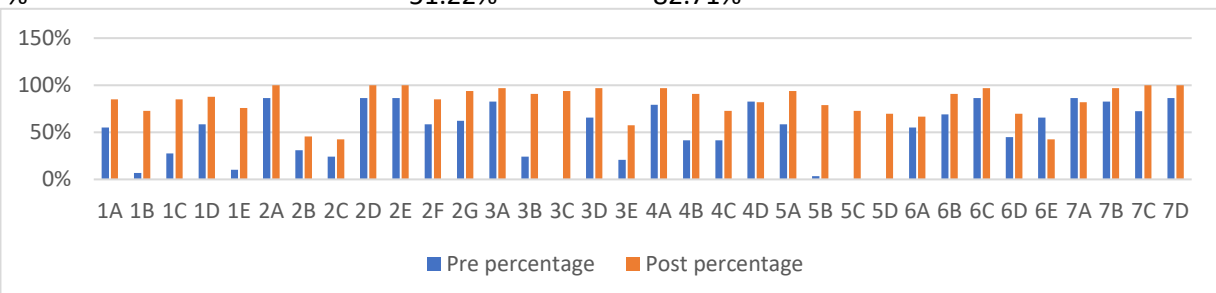
PET-1 training is a highly valuable course in Tanzania, demonstrating its significance in equipping trainees with essential knowledge and skills for managing children with seizures and epilepsies.

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

## 12.09.2025 PET1 Mwanza, Tanzania Quiz Results

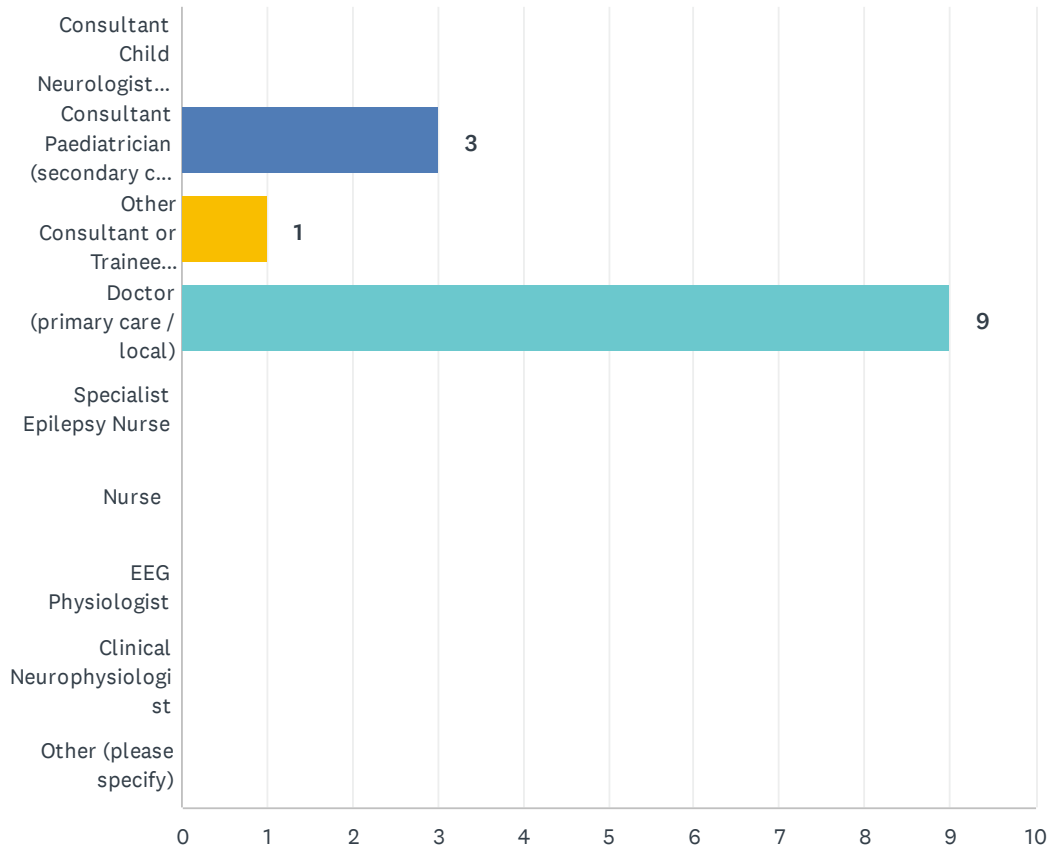
Forms completed pre = 29  
 Forms completed post = 33  
 Number of questions = 34

Question	Pre course Score	Post Course Score	Pre percentage	Post percentage
1A	16	28	55%	85%
1B	2	24	7%	73%
1C	8	28	28%	85%
1D	17	29	59%	88%
1E	3	25	10%	76%
2A	25	33	86%	100%
2B	9	15	31%	45%
2C	7	14	24%	42%
2D	25	33	86%	100%
2E	25	33	86%	100%
2F	17	28	59%	85%
2G	18	31	62%	94%
3A	24	32	83%	97%
3B	7	30	24%	91%
3C	0	31	0%	94%
3D	19	32	66%	97%
3E	6	19	21%	58%
4A	23	32	79%	97%
4B	12	30	41%	91%
4C	12	24	41%	73%
4D	24	27	83%	82%
5A	17	31	59%	94%
5B	1	26	3%	79%
5C	0	24	0%	73%
5D	0	23	0%	70%
6A	16	22	55%	67%
6B	20	30	69%	91%
6C	25	32	86%	97%
6D	13	23	45%	70%
6E	19	14	66%	42%
7A	25	27	86%	82%
7B	24	32	83%	97%
7C	21	33	72%	100%
7D	25	33	86%	100%
No correct	505	928		
Denominator	986	1122		
%	51.22%	82.71%		



## Q1 What is your job role?

Answered: 13 Skipped: 0

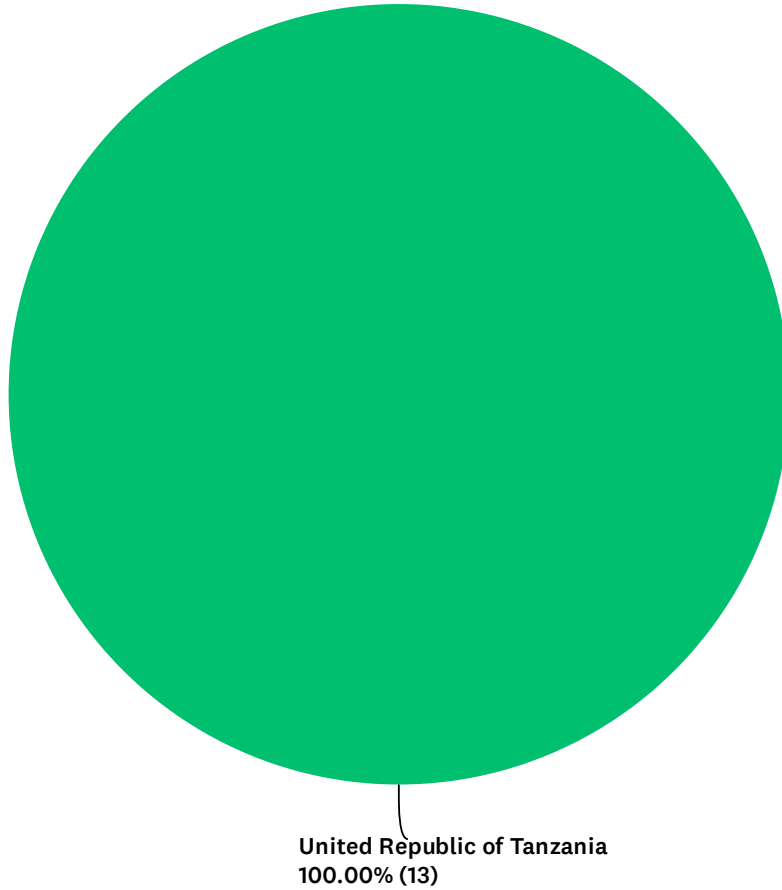


ANSWER CHOICES	RESPONSES	
Consultant Child Neurologist (tertiary care / teaching hospital)	0%	0
Consultant Paediatrician (secondary care / district general hospital)	23%	3
Other Consultant or Trainee (secondary care / district general hospital)	8%	1
Doctor (primary care / local)	69%	9
Specialist Epilepsy Nurse	0%	0
Nurse	0%	0
EEG Physiologist	0%	0
Clinical Neurophysiologist	0%	0
Other (please specify)	0%	0
<b>TOTAL</b>		<b>13</b>

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

## Q2 In what country do you work?

Answered: 13 Skipped: 0



ANSWER CHOICES	RESPONSES	
United Republic of Tanzania	100.00%	13
TOTAL		13

## Q3 Please select the course date

Answered: 13 Skipped: 0

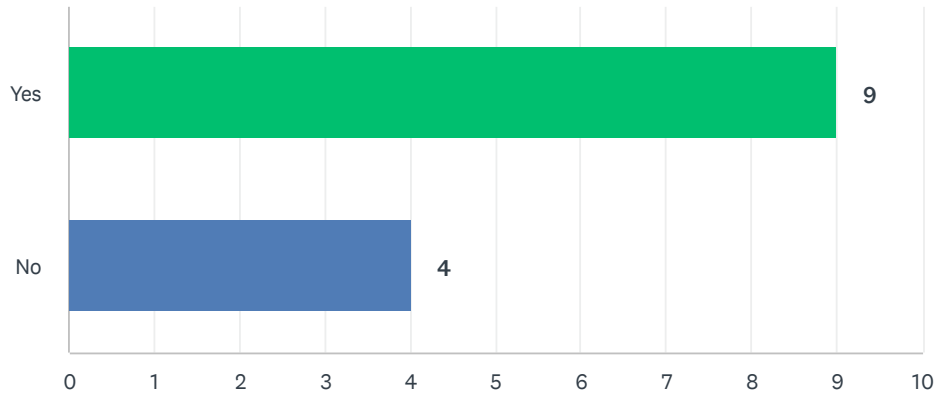
ANSWER CHOICES		RESPONSES
Date		100.00% 13

#	DATE	DATE
1	12/09/2025	9/13/2025 10:29 AM
2	12/09/2025	9/12/2025 7:02 PM
3	12/09/2025	9/12/2025 5:01 PM
4	12/09/2025	9/12/2025 4:54 PM
5	12/09/2025	9/12/2025 4:49 PM
6	12/09/2025	9/12/2025 4:45 PM
7	12/09/2025	9/12/2025 4:45 PM
8	12/09/2025	9/12/2025 4:44 PM
9	12/09/2025	9/12/2025 4:43 PM
10	12/09/2025	9/12/2025 4:42 PM
11	12/09/2025	9/12/2025 4:41 PM
12	12/09/2025	9/12/2025 4:39 PM
13	12/09/2025	9/12/2025 4:38 PM

## Q4 Did you work through the pre-course workbook?

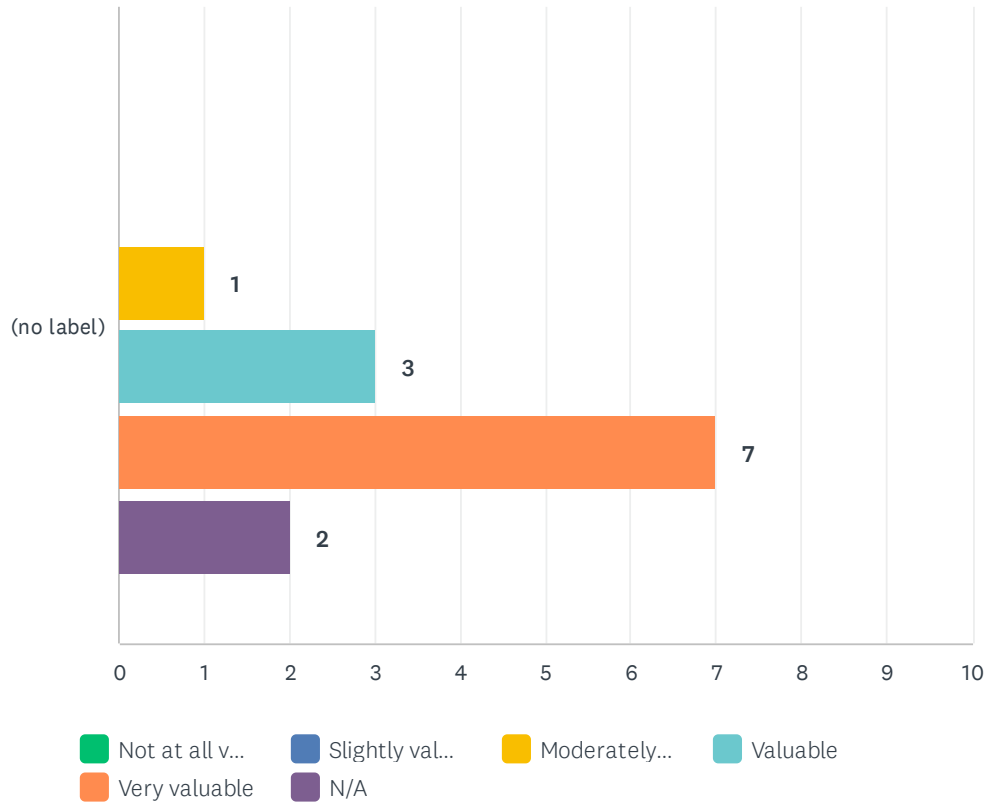
Answered: 13 Skipped: 0



ANSWER CHOICES	RESPONSES
Yes	69% 9
No	31% 4
TOTAL	13

## Q5 How valuable was the pre course workbook?

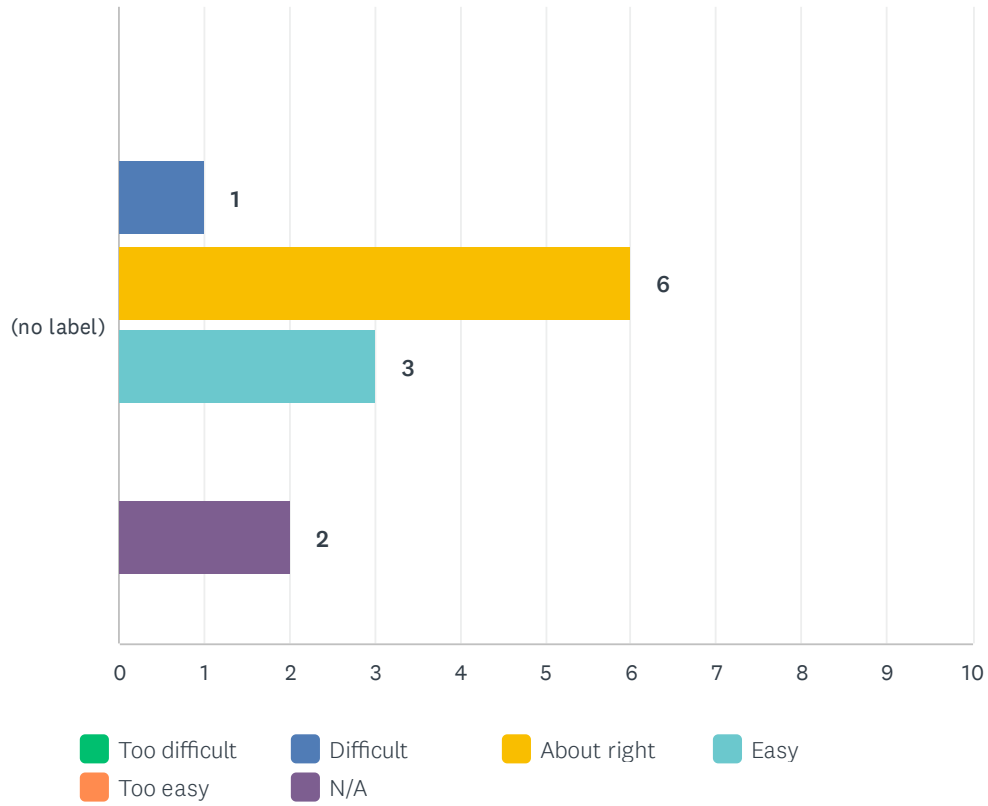
Answered: 13 Skipped: 0



	NOT AT ALL VALUABLE	SLIGHTLY VALUABLE	MODERATELY VALUABLE	VALUABLE	VERY VALUABLE	N/A	TOTAL	WEIGHTED AVERAGE
(no label)	0%	0%	8%	23%	54%	15%	13	4.55
	0	0	1	3	7	2		

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

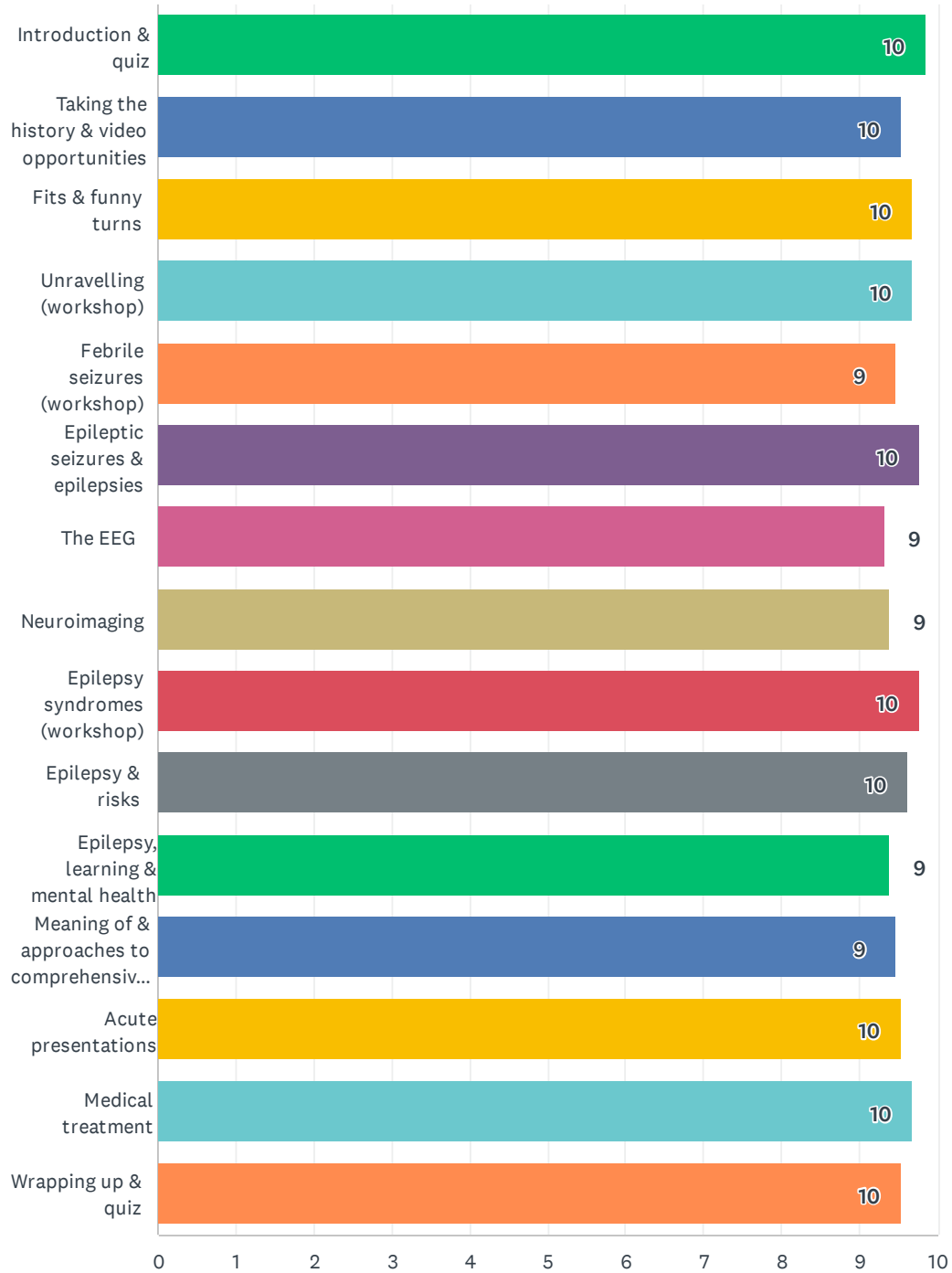
Answered: 12 Skipped: 1



	TOO DIFFICULT	DIFFICULT	ABOUT RIGHT	EASY	TOO EASY	N/A	TOTAL	WEIGHTED AVERAGE
(no label)	0%	8%	50%	25%	0%	17%	12	4.20
	0	1	6	3	0	2		

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

Answered: 13 Skipped: 0

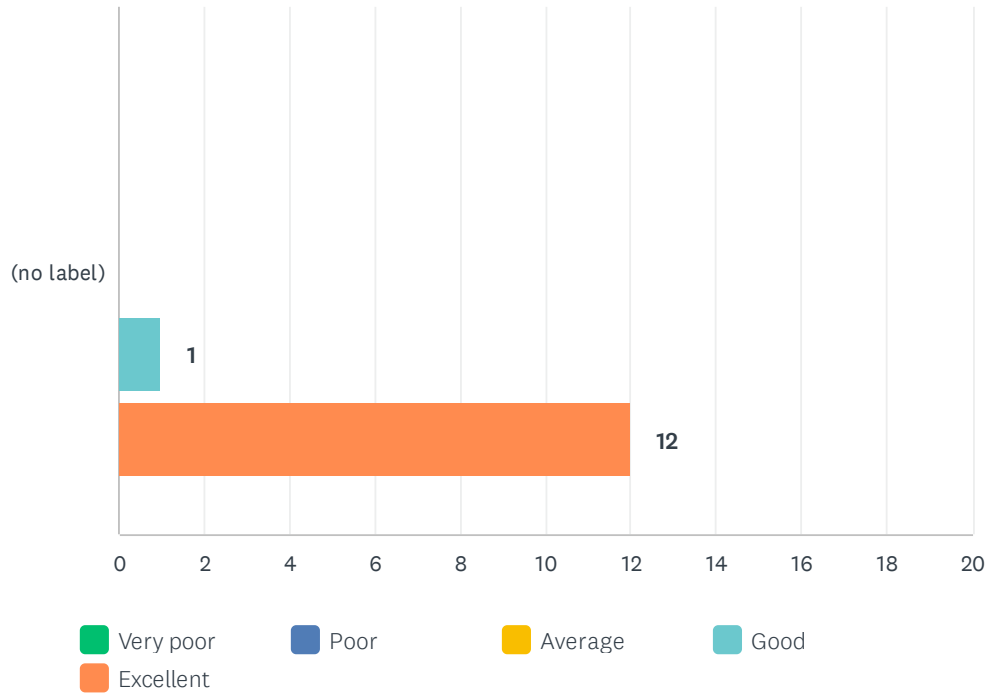


2023-26 PET1 Feedback (2023 Edition)

	1 VERY POOR	2	3	4	5	6	7	8	9	10 EXCELLENT	TOTAL	WEIGHTED AVERAGE
Introduction & quiz	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	8% 1	0% 0	92% 12	13	9.85
Taking the history & video opportunities	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	8% 1	31% 4	62% 8	13	9.54
Fits & funny turns	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	8% 1	15% 2	77% 10	13	9.69
Unravelling (workshop)	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	8% 1	0% 0	8% 1	85% 11	13	9.69
Febrile seizures (workshop)	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	8% 1	38% 5	54% 7	13	9.46
Epileptic seizures & epilepsies	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	23% 3	77% 10	13	9.77
The EEG	0% 0	0% 0	0% 0	0% 0	0% 0	8% 1	8% 1	0% 0	15% 2	69% 9	13	9.31
Neuroimaging	0% 0	0% 0	0% 0	0% 0	0% 0	8% 1	0% 0	8% 1	15% 2	69% 9	13	9.38
Epilepsy syndromes (workshop)	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	23% 3	77% 10	13	9.77
Epilepsy & risks	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	8% 1	23% 3	69% 9	13	9.62
Epilepsy, learning & mental health	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	8% 1	8% 1	23% 3	62% 8	13	9.38
Meaning of & approaches to comprehensive care (workshop)	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	8% 1	0% 0	31% 4	62% 8	13	9.46
Acute presentations	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	46% 6	54% 7	13	9.54
Medical treatment	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	31% 4	69% 9	13	9.69
Wrapping up & quiz	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	8% 1	0% 0	23% 3	69% 9	13	9.54

## Q8 Overall the course was

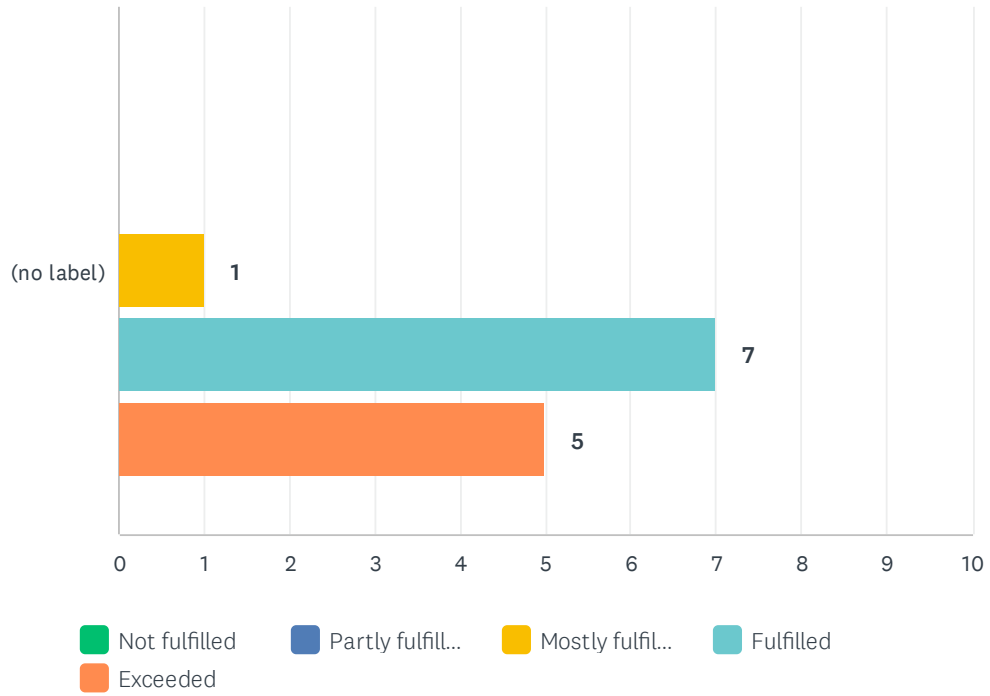
Answered: 13 Skipped: 0



	VERY POOR	POOR	AVERAGE	GOOD	EXCELLENT	TOTAL	WEIGHTED AVERAGE
(no label)	0%	0%	0%	8%	92%	13	4.92
	0	0	0	1	12		

## Q9 My expectations of the course were

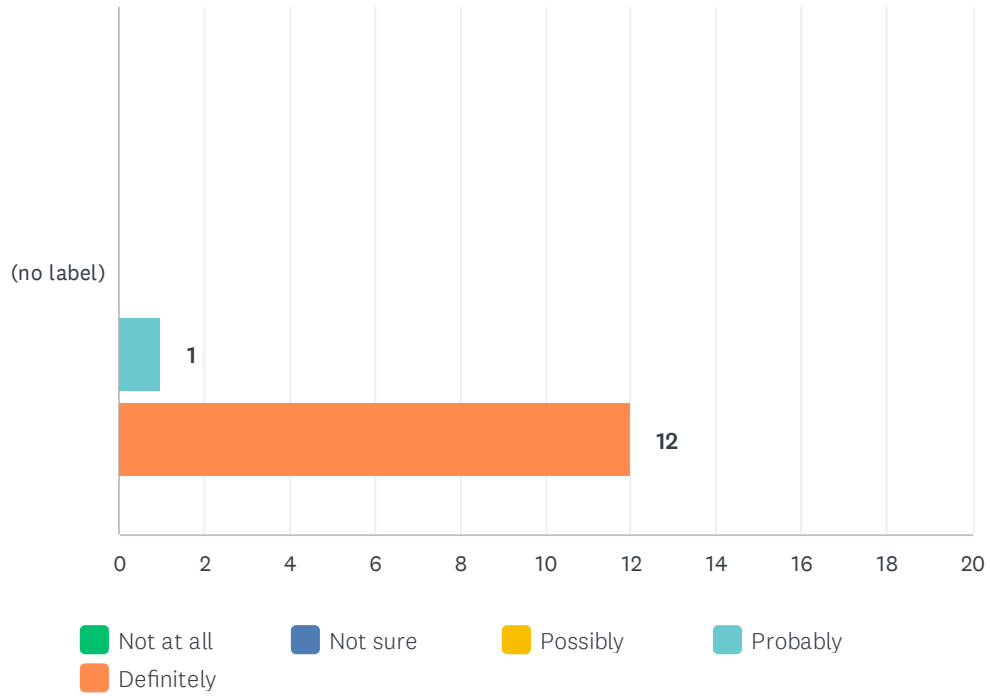
Answered: 13 Skipped: 0



	NOT FULFILLED	PARTLY FULFILLED	MOSTLY FULFILLED	FULFILLED	EXCEEDED	TOTAL	WEIGHTED AVERAGE
(no label)	0%	0%	8%	54%	38%	13	4.31
	0	0	1	7	5		

## Q10 Will you recommend PET1 to colleagues?

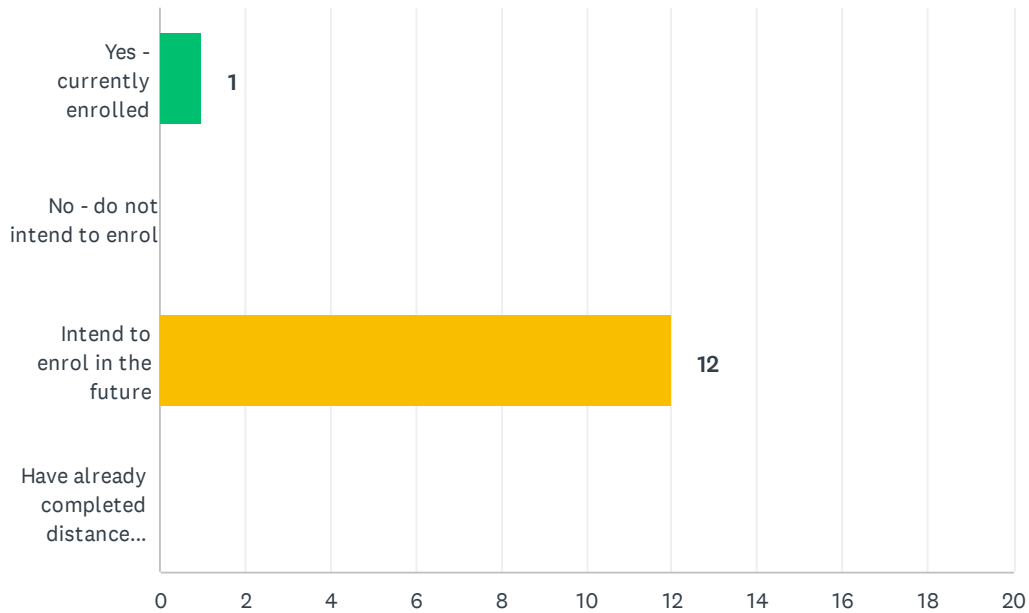
Answered: 13 Skipped: 0



	NOT AT ALL	NOT SURE	POSSIBLY	PROBABLY	DEFINITELY	TOTAL	WEIGHTED AVERAGE
(no label)	0%	0%	0%	8%	92%	13	4.92
	0	0	0	1	12		

**Q11 Are you enrolled onto the BPNA Distance Learning Unit 6 Epilepsy course? The distance learning unit 6 complements and expands upon the PET courses.**

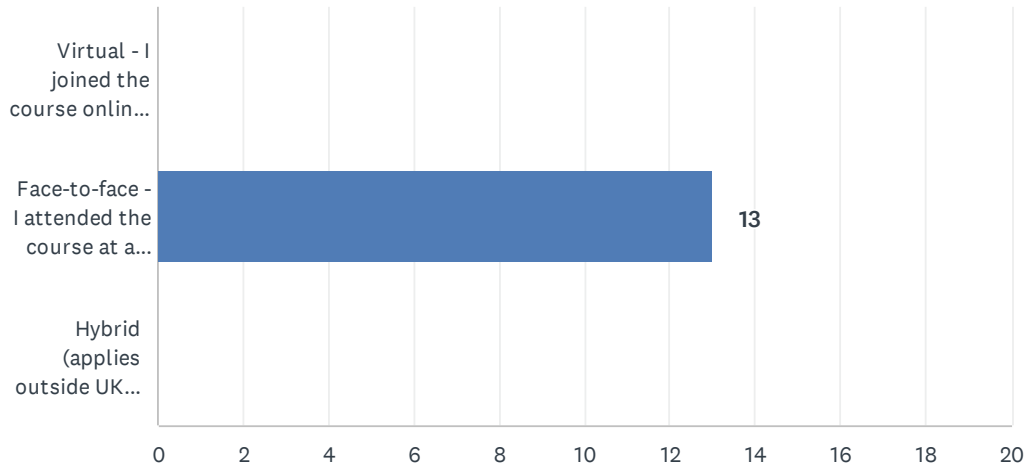
Answered: 13 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes - currently enrolled	8%	1
No - do not intend to enrol	0%	0
Intend to enrol in the future	92%	12
Have already completed distance learning - enrolled previously	0%	0
<b>TOTAL</b>		<b>13</b>

## Q12 How did you attend PET1?

Answered: 13 Skipped: 0



ANSWER CHOICES	RESPONSES	
Virtual - I joined the course online from home or work	0%	0
Face-to-face - I attended the course at a venue with all course attendees	100%	13
Hybrid (applies outside UK only) - lectures took place online and workshops were held face-to-face	0%	0
<b>TOTAL</b>		<b>13</b>

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

Answered: 0 Skipped: 13

 No matching responses.

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

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

Answered: 0 Skipped: 13

 No matching responses.

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

## Q15 Would you attend another BPNA virtual course?

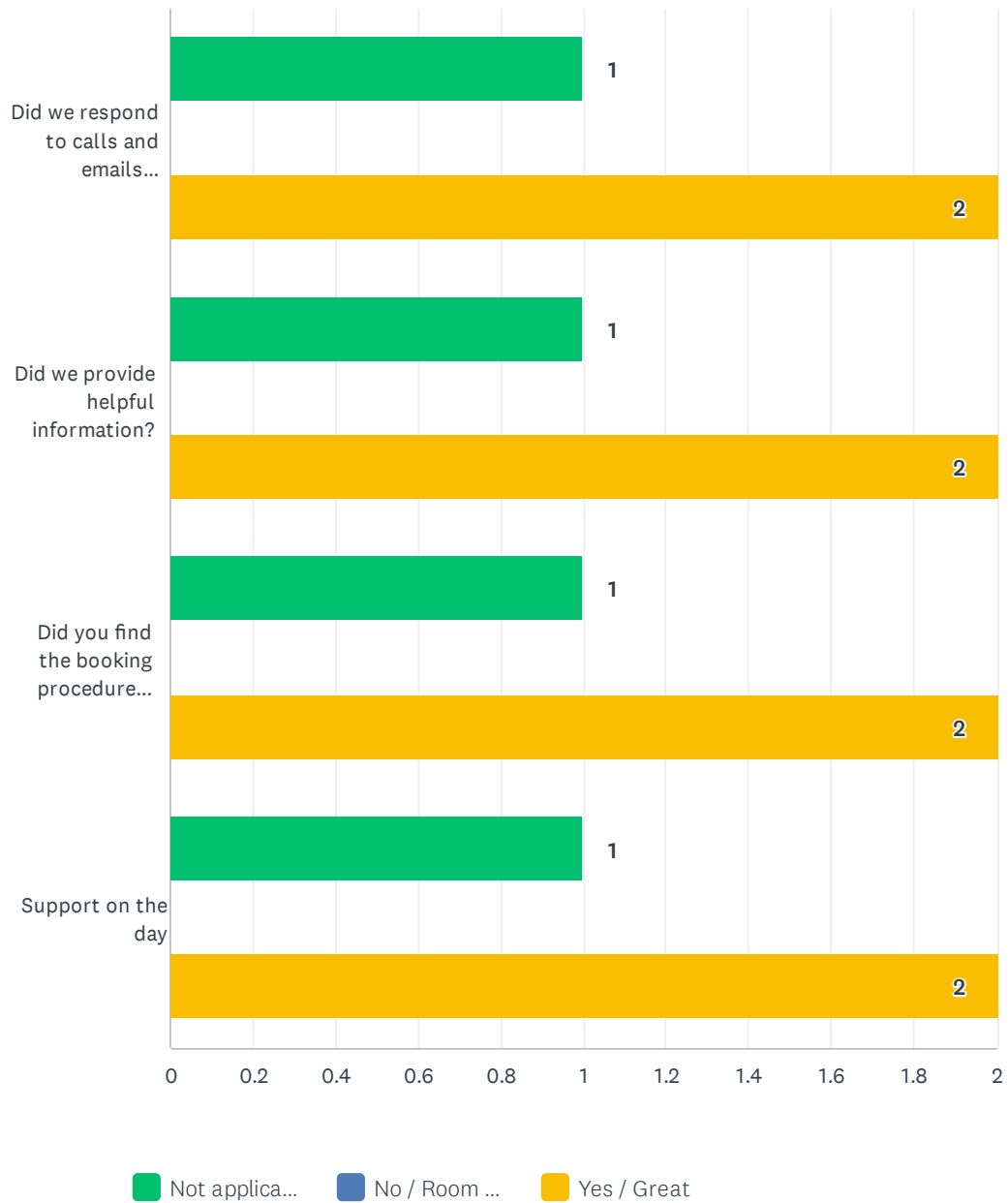
Answered: 0 Skipped: 13

 No matching responses.

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

## Q25 Admin

Answered: 3 Skipped: 10

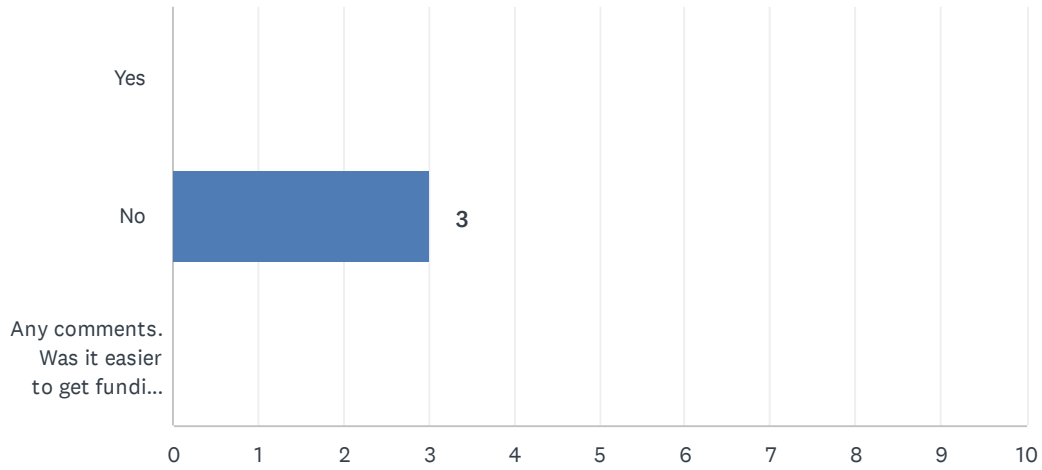


2023-26 PET1 Feedback (2023 Edition)

	NOT APPLICABLE	NO / ROOM FOR IMPROVEMENT	YES / GREAT	TOTAL	WEIGHTED AVERAGE
Did we respond to calls and emails promptly?	33% 1	0%	67% 2	3	1.00
Did we provide helpful information?	33% 1	0%	67% 2	3	1.00
Did you find the booking procedure straightforward?	33% 1	0%	67% 2	3	1.00
Support on the day	33% 1	0%	67% 2	3	1.00

## Q26 Did you receive funding for this course?

Answered: 3 Skipped: 10



Any comments.  
Was it easier  
to get fundi...

ANSWER CHOICES	RESPONSES	
Yes	0%	0
No	100%	3
Any comments. Was it easier to get funding for this virtual course than it would otherwise have been?	0%	0
<b>TOTAL</b>		<b>3</b>

#	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: 3 Skipped: 10

#	RESPONSES	DATE
1	It was good	9/13/2025 10:31 AM
2	Thanks a lot	9/12/2025 7:14 PM
3	Good course i hope to attend another PET	9/12/2025 4:50 PM