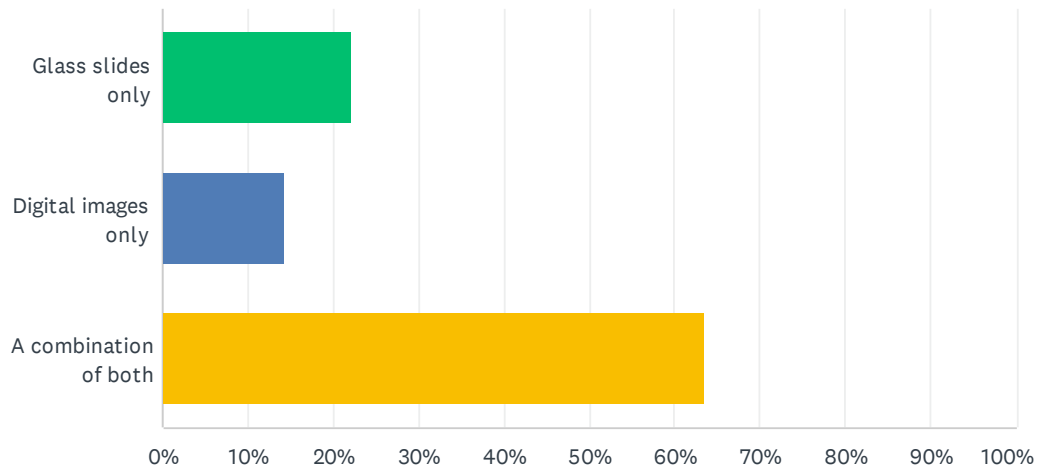


Q1 When submitting your EQA responses, do you use

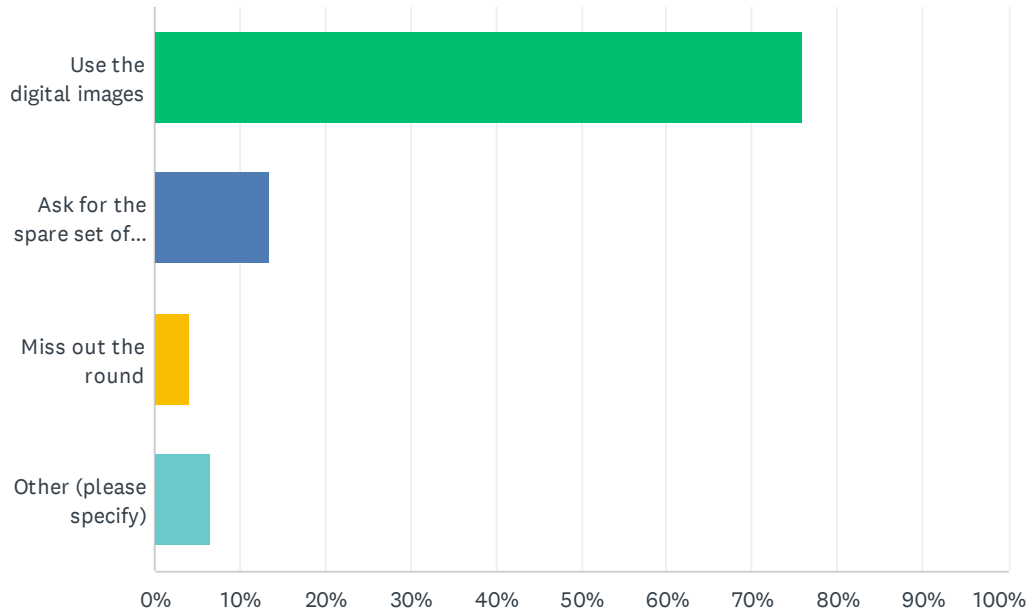
Answered: 77 Skipped: 0



ANSWER CHOICES	RESPONSES	
Glass slides only	22.08%	17
Digital images only	14.29%	11
A combination of both	63.64%	49
TOTAL		77

Q2 If you have missed the glass slide circulation in your department do you

Answered: 75 Skipped: 2



ANSWER CHOICES	RESPONSES
Use the digital images	76.00% 57
Ask for the spare set of glass slides	13.33% 10
Miss out the round	4.00% 3
Other (please specify)	6.67% 5
TOTAL	75

#	OTHER (PLEASE SPECIFY)	DATE
1	have not missed glass slides yet!	1/13/2023 2:55 PM
2	NA	1/11/2023 10:07 AM
3	Not missed till now	1/9/2023 4:33 PM
4	glass slides only so far	1/9/2023 12:18 PM
5	Joined the scheme recently - haven't encounter this problem (yet)	1/9/2023 9:34 AM

Q3 Are there any organ systems or specific clinical diagnoses that are easier/more difficult to determine using digital images rather than glass slides? (Please specify below)

Answered: 63 Skipped: 14

#	RESPONSES	DATE
1	not really. the quality of the digital images is very good	1/23/2023 9:47 AM
2	Dysplasia and mitotic counts.	1/23/2023 8:56 AM
3	Megablocks and slides with small foci of pathology are difficult on digital	1/23/2023 8:20 AM
4	Skin - Dysplasia can be sometimes difficult on digital slides	1/20/2023 3:14 PM
5	All difficult compared to glass slide	1/20/2023 10:58 AM
6	None	1/20/2023 10:50 AM
7	Small foci of invasion	1/20/2023 10:35 AM
8	not really	1/20/2023 10:33 AM
9	No	1/19/2023 10:19 AM
10	No experience	1/18/2023 12:35 PM
11	Bladder	1/18/2023 12:34 PM
12	Lymph node	1/18/2023 9:58 AM
13	Focal inflammation in colonic biopsies, squamous dysplasia in oral mucosa and mitotic count in tumours can sometimes pose difficulties in digital slides.	1/18/2023 9:37 AM
14	Lymph node	1/18/2023 9:37 AM
15	No specific organ systems. Depends on case.	1/17/2023 6:16 PM
16	No	1/16/2023 8:32 AM
17	Not aware	1/13/2023 2:55 PM
18	No	1/13/2023 11:58 AM
19	lymphoreticular, soft tissue tumours	1/13/2023 11:06 AM
20	Lymphoid	1/13/2023 10:42 AM
21	Lymph nodes, difficult	1/13/2023 10:39 AM
22	Organisms often more difficult to see	1/13/2023 10:35 AM
23	I find bone marrows and lymph nodes harder on digital. Digital is also very dependent on having good quality, clean slides in the first place. Some of the EQA digital images on the Leeds web-site have been sub-optimal.	1/11/2023 4:54 PM
24	No	1/11/2023 4:24 PM
25	More difficult with digital images as our computers are not geared for this	1/11/2023 4:23 PM
26	depends on the case really	1/11/2023 4:07 PM
27	Atypia vs low grade dysplasia. Bugs.	1/11/2023 12:18 PM
28	No	1/11/2023 12:14 PM
29	Inflammatory diseases such as dermatitis and hepatitis can be very difficult on digital slides.	1/11/2023 10:44 AM

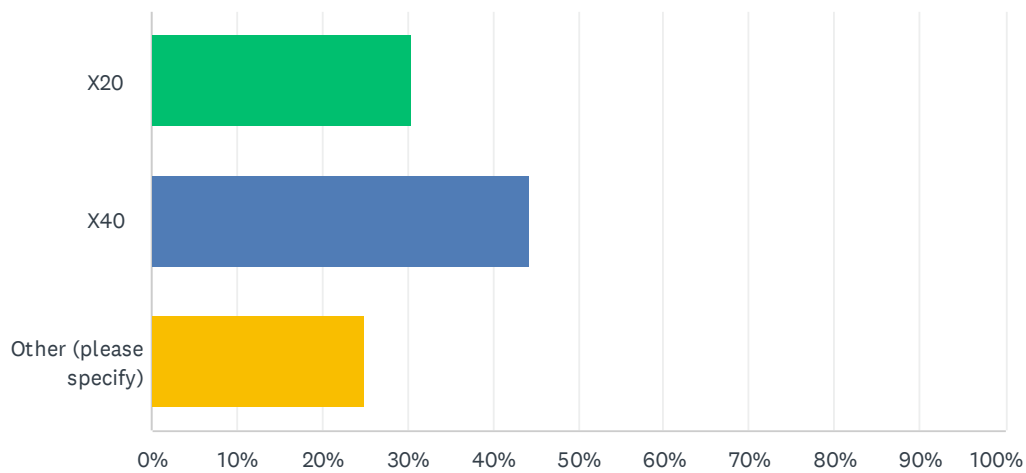
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Connection speed, monitor specs and digital experience are very important.

30	No	1/11/2023 9:50 AM
31	not if the scanning is decent. and since path is going 100% Digital anyway we can't pick and choose.	1/11/2023 9:41 AM
32	No, but the resolution of my screen is awful - making highly cellular cases difficult to see detail on.	1/11/2023 9:32 AM
33	lymphoid lesions	1/11/2023 9:24 AM
34	no	1/11/2023 9:13 AM
35	Bone marrows (which generally aren't/shouldn't be included) are very difficult to assess on scanned slides.	1/11/2023 9:09 AM
36	N/a	1/11/2023 9:09 AM
37	lymphoproliferative conditions are difficult on digital, however, it seems very much to depend on the quality of the slide then the quality of the scan for digital interpretation	1/11/2023 9:06 AM
38	I'm still on a learning curve, so difficult to say	1/10/2023 8:59 AM
39	None easier, all slower, a few practical e.g. endometrium, easy skin.	1/9/2023 5:17 PM
40	Not much experience with digital slides	1/9/2023 4:33 PM
41	None	1/9/2023 3:05 PM
42	In general I feel less confident using digital images rather than glass slides in all diagnostic categories.	1/9/2023 2:52 PM
43	I don't think so	1/9/2023 2:29 PM
44	I find most cases more difficult using the digital images.	1/9/2023 1:32 PM
45	no	1/9/2023 12:29 PM
46	n/a	1/9/2023 12:18 PM
47	depends on pathology	1/9/2023 11:17 AM
48	GI, gynae	1/9/2023 11:05 AM
49	Unknown	1/9/2023 10:16 AM
50	Pigment is difficult to identify correctly melanin vs iron. HLOs are difficult to see. Slow refresh rates mean that large sections take a long time to screen	1/9/2023 10:13 AM
51	no	1/9/2023 10:02 AM
52	Melanocytic lesions of skin are more difficult to assess on digital images	1/9/2023 10:02 AM
53	NO, but digital images can be tricky, despite size of biopsy	1/9/2023 9:34 AM
54	Haematopathology	1/9/2023 9:31 AM
55	lympho-reticular - difficult in digital slides	1/9/2023 9:20 AM
56	No	1/9/2023 9:19 AM
57	No	1/9/2023 9:16 AM
58	No, all depends on the image quality. If the quality is good, there are no difficulties	1/9/2023 9:16 AM
59	GI	1/9/2023 9:16 AM
60	Endocrine I find is tricky anyway, but more so digitally.	1/9/2023 9:14 AM
61	Not really	1/9/2023 9:12 AM
62	Nil specific, I find glass slides easier across the board	1/9/2023 9:09 AM
63	Core biopsies	1/9/2023 9:08 AM

Q4 Do you think images should be scanned at

Answered: 72 Skipped: 5



ANSWER CHOICES	RESPONSES	
X20	30.56%	22
X40	44.44%	32
Other (please specify)	25.00%	18
TOTAL		72

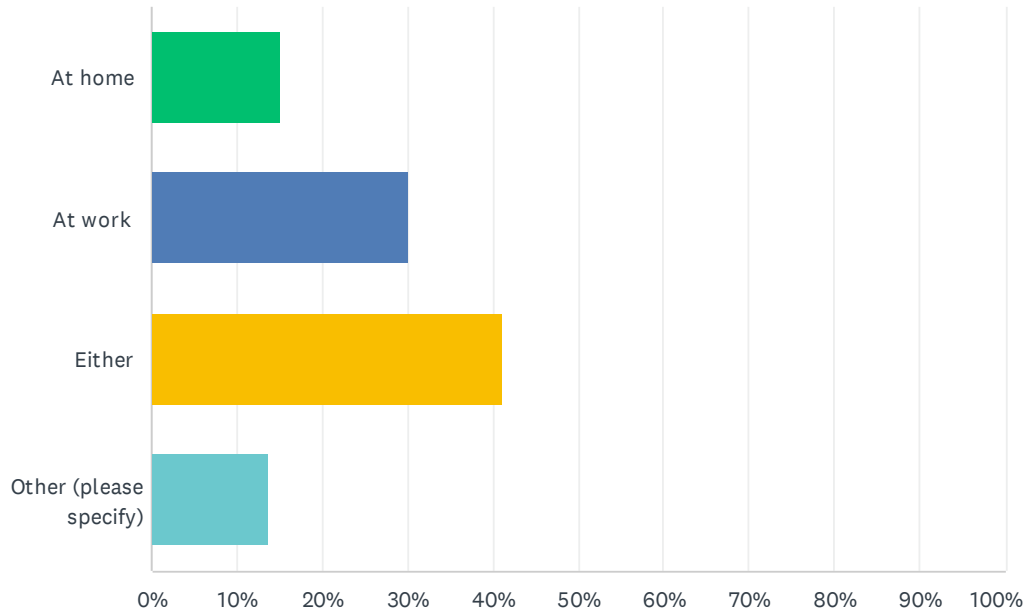
#	OTHER (PLEASE SPECIFY)	DATE
1	10	1/23/2023 9:04 AM
2	4x, 10x with facility to go to 40x	1/23/2023 8:20 AM
3	No experience	1/18/2023 12:35 PM
4	Both	1/18/2023 10:00 AM
5	I don't know as not using digital pathology reporting but the more the better as it will reflect real practice probably	1/13/2023 11:06 AM
6	No comments	1/13/2023 10:39 AM
7	Don't know the technicalities or difference	1/13/2023 10:35 AM
8	Depends on the case. Some will be okay at x20, others x40 is preferable.	1/11/2023 4:54 PM
9	Do not know	1/11/2023 4:23 PM
10	x4, x10, x40	1/11/2023 4:07 PM
11	I would say x40 but this is down to the digital experts to determine.	1/11/2023 10:44 AM
12	I am not an expert at this, assume 40X would be better, but this would massively increase file size. I have not had a problem with the resolution of the digital images provided for the last few circulations.	1/11/2023 10:07 AM
13	Don't know.	1/11/2023 9:32 AM
14	n/a	1/11/2023 9:09 AM

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15	n/a	1/9/2023 12:18 PM
16	Highest resolution possible, minimum x40	1/9/2023 10:16 AM
17	It depends on the case, but ideally to have a low power and a high power (x40) view	1/9/2023 10:02 AM
18	At least down to 4	1/9/2023 9:34 AM

Q5 Do you view digital images

Answered: 73 Skipped: 4

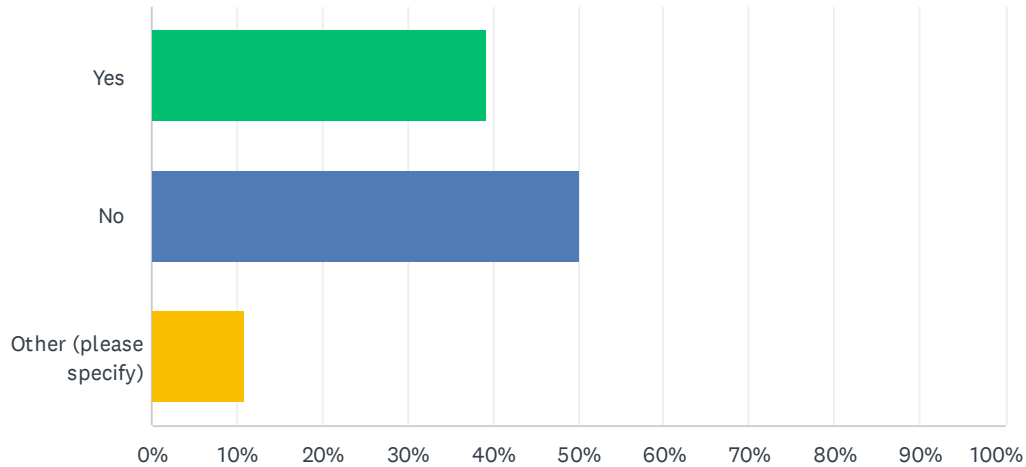


ANSWER CHOICES	RESPONSES
At home	15.07% 11
At work	30.14% 22
Either	41.10% 30
Other (please specify)	13.70% 10
TOTAL	73

#	OTHER (PLEASE SPECIFY)	DATE
1	In some other EQA schemes	1/23/2023 8:20 AM
2	Only as EQA slides	1/20/2023 10:35 AM
3	None	1/18/2023 12:34 PM
4	No	1/11/2023 4:23 PM
5	I dont	1/11/2023 9:09 AM
6	Both	1/11/2023 9:06 AM
7	Lab getting technology but not yet operational.	1/9/2023 5:17 PM
8	Don't view them	1/9/2023 4:33 PM
9	none	1/9/2023 12:18 PM
10	I don't view digital slides	1/9/2023 10:02 AM

Q6 Do you refer to the digital slides during the consultation period when determining which diagnoses should be merged?

Answered: 74 Skipped: 3

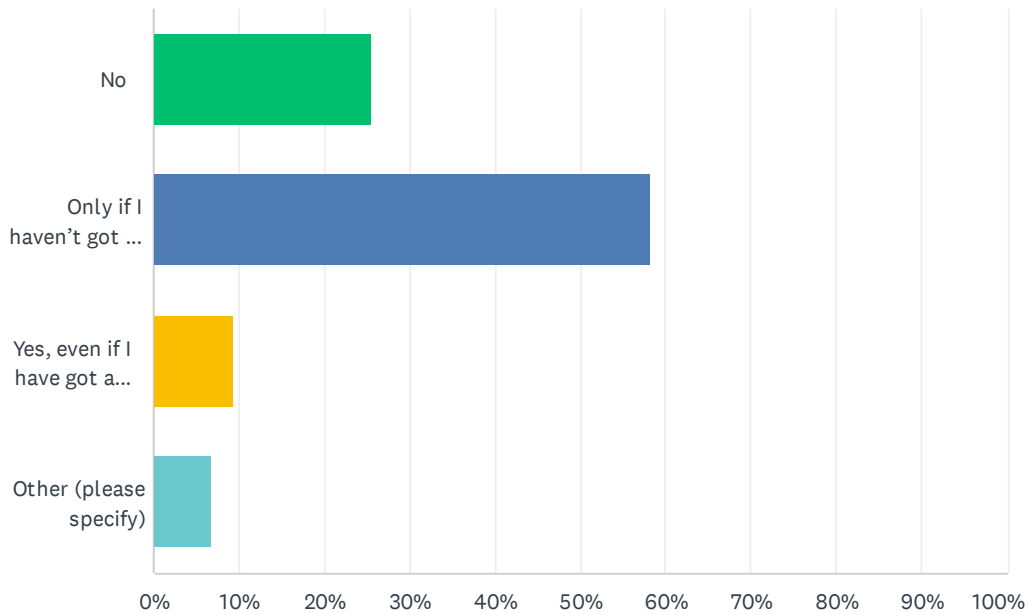


ANSWER CHOICES	RESPONSES	
Yes	39.19%	29
No	50.00%	37
Other (please specify)	10.81%	8
TOTAL		74

#	OTHER (PLEASE SPECIFY)	DATE
1	Sometimes	1/18/2023 10:00 AM
2	sometimes, dependant on the case	1/11/2023 1:20 PM
3	Depending on the case and differentials raised.	1/11/2023 10:44 AM
4	No	1/11/2023 9:09 AM
5	no	1/9/2023 12:18 PM
6	sometimes	1/9/2023 10:02 AM
7	occasionally	1/9/2023 9:14 AM
8	Very occasionally to remind myself what they looked like	1/9/2023 9:12 AM

Q7 Do you refer to the digital slides on receipt of your results?

Answered: 74 Skipped: 3

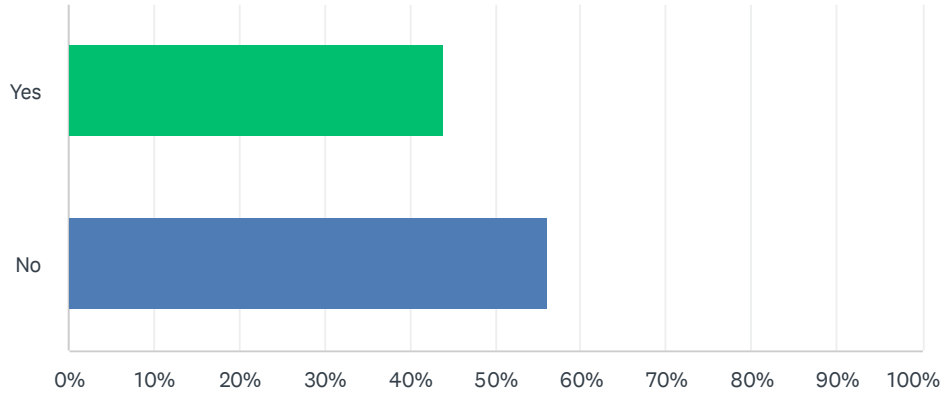


ANSWER CHOICES	RESPONSES
No	25.68% 19
Only if I haven't got a perfect score	58.11% 43
Yes, even if I have got a perfect score	9.46% 7
Other (please specify)	6.76% 5
TOTAL	74

#	OTHER (PLEASE SPECIFY)	DATE
1	Depends how busy I am	1/13/2023 10:35 AM
2	Yes, if I want to recall the case and/or clarify something.	1/11/2023 10:44 AM
3	No	1/11/2023 9:09 AM
4	n/a	1/9/2023 12:18 PM
5	Sometimes	1/9/2023 9:09 AM

Q8 Do you ever refer to the digital images from previous rounds for educational purposes.

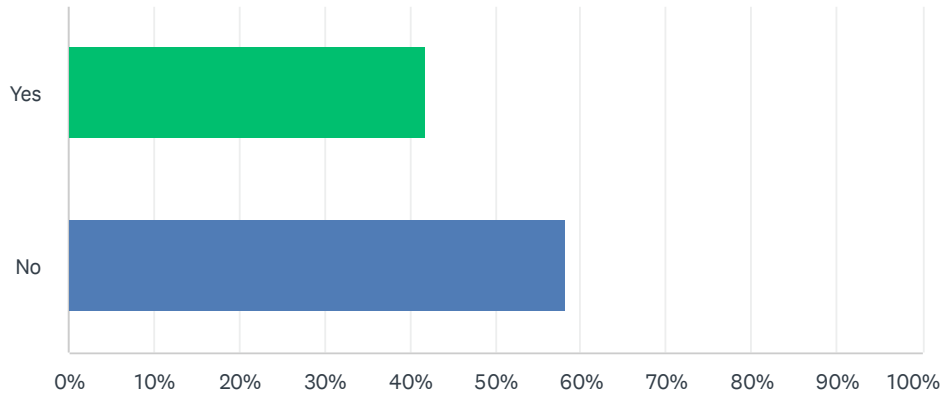
Answered: 73 Skipped: 4



ANSWER CHOICES	RESPONSES	
Yes	43.84%	32
No	56.16%	41
TOTAL		73

Q9 Have you ever referred colleagues/trainees to digital images from the EQA Scheme?

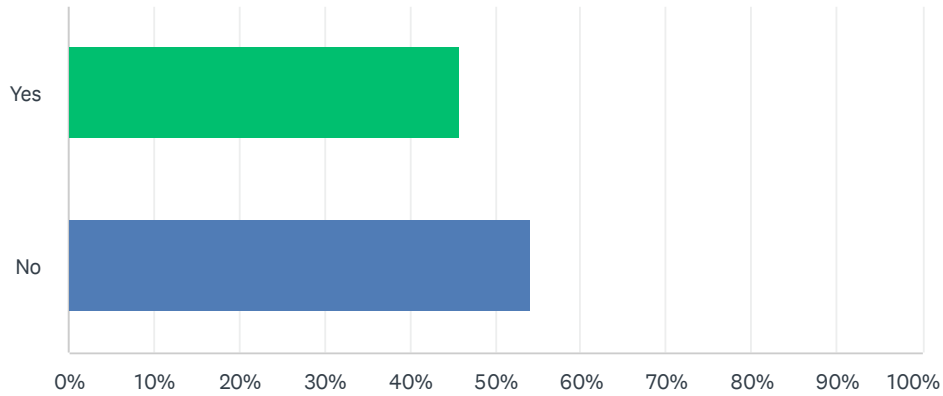
Answered: 74 Skipped: 3



ANSWER CHOICES	RESPONSES	
Yes	41.89%	31
No	58.11%	43
TOTAL		74

Q10 If using digital images, are you aware of the Guidelines for Using Digital Images document on the EQA website?

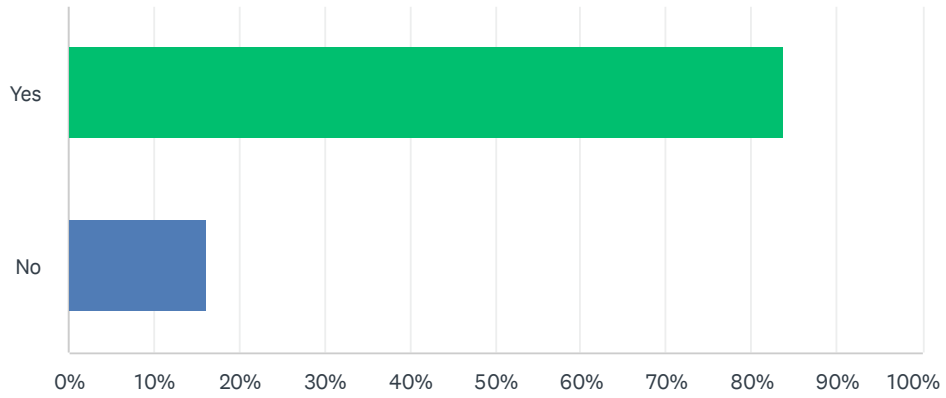
Answered: 74 Skipped: 3



ANSWER CHOICES	RESPONSES	
Yes	45.95%	34
No	54.05%	40
TOTAL		74

Q11 Would you remain a participant of the scheme if all cases were digital only?

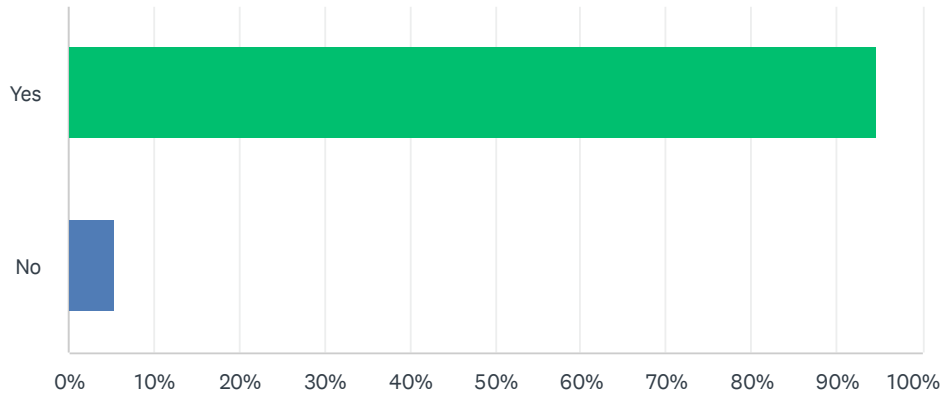
Answered: 74 Skipped: 3



ANSWER CHOICES	RESPONSES	
Yes	83.78%	62
No	16.22%	12
TOTAL		74

Q12 Would you remain a participant of the scheme if some cases (e.g. small biopsies) were digital only?

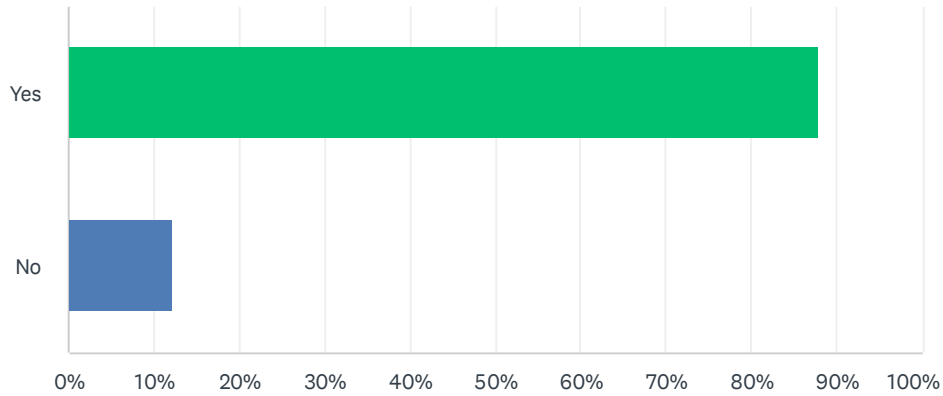
Answered: 74 Skipped: 3



ANSWER CHOICES	RESPONSES	
Yes	94.59%	70
No	5.41%	4
TOTAL		74

Q13 Would you remain a participant of the scheme if, glass slides were sent by request only?

Answered: 74 Skipped: 3



ANSWER CHOICES	RESPONSES	
Yes	87.84%	65
No	12.16%	9
TOTAL		74

Q14 Any other comments regarding availability/use of digital slides

Answered: 39 Skipped: 38

#	RESPONSES	DATE
1	The quality of the digital images is USUALLY very good. I might have felt the need to look at the glass slides twice in four years	1/23/2023 9:47 AM
2	would prefer a formal training before going into digital only even if for some cases.	1/23/2023 9:04 AM
3	I never had a problem. My experience is very good.	1/23/2023 8:56 AM
4	No	1/23/2023 8:20 AM
5	Ultimately I still prefer glass simply because they reflect daily practice and are thus more relevant. It is technology dependent and often slower.	1/20/2023 10:58 AM
6	none	1/20/2023 10:50 AM
7	NA	1/20/2023 10:35 AM
8	I think they are great!	1/19/2023 10:19 AM
9	Find it more time consuming	1/18/2023 12:34 PM
10	NA	1/18/2023 9:58 AM
11	None	1/16/2023 8:32 AM
12	no thank you	1/13/2023 2:55 PM
13	i	1/13/2023 1:14 PM
14	much harder when the images are blurry or the sections cut too thick. highly dependent on internet connectivity, which may sometimes be extremely slow and then crashed.	1/13/2023 11:06 AM
15	I have no alternative and I do not have an option of opting out of EQA circulation, this option should have been included in relevant questions, where participant can tick it.	1/13/2023 10:39 AM
16	N/A	1/13/2023 10:35 AM
17	Still prefer glass, but accept digital is useful for a whole bunch of pragmatic reasons. Digital may also expand the range of cases that can be included as I occasionally have cases that I would like to submit, but for which there isn't enough tissue to make 12 slides.	1/11/2023 4:54 PM
18	Digital images should wait until reporting is also digital across the majority of the country	1/11/2023 4:23 PM
19	NA	1/11/2023 12:18 PM
20	Glass slides are my preference, the scheme is one of the few glass resources left and should be preserved to offer both. Thanks to the team for their efficiency and responsive support.	1/11/2023 12:14 PM
21	Digital slides is definitely the way forward. The question is if and how technology will resolve the drawbacks.	1/11/2023 10:44 AM
22	For a general EQA, digital only is an acceptable option.	1/11/2023 10:07 AM
23	I think the use of digital slides is inevitable. It would also make the identification of cases for submission easier as many potential cases are not usable because there is not enough tissue to make multiple slides.	1/11/2023 9:50 AM
24	much better system. able to spend longer on return. plus better not cutting 15 sections from scanty /valuable samples. luddites should retire.	1/11/2023 9:41 AM
25	1. I would like access to the digital images to be simple/easier (like the Urology and Gynaecology schemes). Getting to your images (one at a time and having to go into and out of your site for every case is a bloody pain). 2. I'm a Urology and Gynae specialist so some of	1/11/2023 9:32 AM

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your cases are difficult for me. I never ask colleagues and I always follow up any cases I get wrong (as a learning exercise). So please be tolerant of people who wish to do the general EQA while following the rules and who don't consistently get a perfect score.

26	would prefer glass slides to be sent as well	1/11/2023 9:24 AM
27	i use almost exclusively digital for routine work too and its much easier both in terms of logistics(finding who has slides etc) and flexibility of when one feels like looking at the things	1/11/2023 9:13 AM
28	Appreciate the efforts to keep using glass slides.	1/11/2023 9:09 AM
29	A "white elephant" for many Pathologists who don't need or want to work from home or remotely. Possibly some advantage in image analysis but in limited situations. Tolerable for QAs as speed of reporting not an issue.	1/9/2023 5:17 PM
30	None	1/9/2023 3:05 PM
31	No	1/9/2023 2:52 PM
32	none	1/9/2023 12:29 PM
33	technological advances are to be implemented at this stage of digital world. I do only digital in breast EQA, at first it looked odd, but I got adjusted to it now. The only pitfall is slides are quicker to screen for me as I am still reporting on slides only in my clinical practice. And digital may take longer to screen for me unless otherwise others have focussed the areas of interest only to comment on.	1/9/2023 12:18 PM
34	good to have a combination of glass and digital slides	1/9/2023 10:02 AM
35	I guess we simply have to get used to digital reporting.	1/9/2023 9:34 AM
36	No	1/9/2023 9:16 AM
37	Thank you for the excellent work you provide to SE Pathologists	1/9/2023 9:16 AM
38	It's the futrue and more and more EQAs and ST teachcing being done by digital slides. Also we are moving towards being a digital lab.	1/9/2023 9:12 AM
39	I would remain as recognise digital is the future for pathology reporting, but it wouldn't be my preference.	1/9/2023 9:09 AM