

APPENDIX

QUESTIONNAIRE ON THE HISTOLOGY COURSE

Please answer each question by **circling** an appropriate number in a **shaded box** or writing your answer in the **shaded space** provided

1. Which subsection of anatomy do you prefer most: 1 for most preferred and 4 for least favorite.

Gross		V2	<input type="text"/>	5
Embryology		V3	<input type="text"/>	6
Histology		V4	<input type="text"/>	7
Neuroanatomy		V5	<input type="text"/>	8

2. Why do you enjoy this subsection most? Rate the options by numbering from 1 to 4.

It is more relevant to the course		V6	<input type="text"/>	9
It is better presented		V7	<input type="text"/>	10
It is easier		V8	<input type="text"/>	11
More interesting		V9	<input type="text"/>	12

3. Rate the following from 1 to 6 in terms of your preferred methods of studying histology.

Notes		V10	<input type="text"/>	13
Prescribed book		V11	<input type="text"/>	14
Video		V12	<input type="text"/>	15
Multimedia		V13	<input type="text"/>	16
Attending lectures		V14	<input type="text"/>	17
Practicals		V15	<input type="text"/>	18

4. Which ONE of the following is true with regard to the prescribed histology book?

No I have not read the prescribed book	1	V16	<input type="text"/>	19
I have just looked up a few things.	2			
I have studied from the book	3			
I have started to study from the book, but gave it up	4			
The book is too complicated.	5			

5. Do you have access to the internet? (You may choose more than one answer)

No		V17	<input type="checkbox"/>	20
Yes – at Medunsa		V18	<input type="checkbox"/>	21
Yes - at home		V19	<input type="checkbox"/>	22
Yes – from a friend's computer.		V20	<input type="checkbox"/>	23

6. If your answer to Question 5 is YES then answer this Question

I looked for histology on the Internet	1	V21	<input type="checkbox"/>	24
I found histology websites on the Internet	2	V22	<input type="checkbox"/>	25
I found histology of the same standard as our course	3	V23	<input type="checkbox"/>	26
The histology that I found on the Internet was as good as the presentations that are available to us	4	V24	<input type="checkbox"/>	27
I found histology that was better than the Presentations that are available to us	5	V25	<input type="checkbox"/>	28
The histology that I found is not applicable to our course	6	V26	<input type="checkbox"/>	29

7. Can you afford a computer of R5000

Yes	1
No	2
If it is really worth it I will make a plan	3

V27 30

8. Rate the presentation of the **LECTURER** for each course component below.

Use the scale:

- 1** = Outstanding (O)
2 = Very good (VG)
3 = Good (G)
4 = Not good (NG)
5 = Bad (B)
6 = Very bad (VB)
7 = No comment – I did not attend (NC)

Block 1	O	VG	G	NG	B	VB	NC			
Epitheliums	1	2	3	4	5	6	7	V28	<input type="text"/>	31
Connective tissues	1	2	3	4	5	6	7	V29	<input type="text"/>	32
Cartilage	1	2	3	4	5	6	7	V30	<input type="text"/>	33
Bone	1	2	3	4	5	6	7	V31	<input type="text"/>	34
Lymphoid system	1	2	3	4	5	6	7	V32	<input type="text"/>	35
Muscle	1	2	3	4	5	6	7	V33	<input type="text"/>	36
Respiration	1	2	3	4	5	6	7	V34	<input type="text"/>	37
Vascular system	1	2	3	4	5	6	7	V35	<input type="text"/>	38

Block 2	O	VG	G	NG	B	VB	NC			
Neurohistology	1	2	3	4	5	6	7	V36	<input type="text"/>	39
Soft tissues of the mouth	1	2	3	4	5	6	7	V37	<input type="text"/>	40
Tooth development	1	2	3	4	5	6	7	V38	<input type="text"/>	41
Eye histology	1	2	3	4	5	6	7	V39	<input type="text"/>	42
Ear & olfactory epithelium	1	2	3	4	5	6	7	V40	<input type="text"/>	43

9a. If you **DID NOT ATTEND** or **LEFT** any histology lectures below, please give your **MAIN** reason

Epitheliums	
I find it difficult to concentrate in class	1
I did not like the way the lecture was presented	2
I have too many lectures to attend	3
I do not like the topic	4
I would rather put effort into reading gross anatomy	5
Personal reasons	6
I study the notes	7
I study the prescribed book	8
I watch the video	9
I use the histology multimedia programs	10

V41 44

9b. If you **DID NOT ATTEND** or **LEFT** any histology lectures below, please give your **MAIN** reason

Connective tissues	
I find it difficult to concentrate in class	1
I did not like the way the lecture was presented	2
I have too many lectures to attend	3
I do not like the topic	4
I would rather put effort into reading gross anatomy	5
Personal reasons	6
I study the notes	7
I study the prescribed book	8
I watch the video	9
I use the histology multimedia programs	10

V42 45

9c. If you **DID NOT ATTEND** or **LEFT** any histology lectures below, please give your **MAIN** reason

Cartilage	
I find it difficult to concentrate in class	1
I did not like the way the lecture was presented	2
I have too many lectures to attend	3
I do not like the topic	4
I would rather put effort into reading gross anatomy	5
Personal reasons	6
I study the notes	7
I study the prescribed book	8
I watch the video	9
I use the histology multimedia programs	10

V43 46

9d. If you **DID NOT ATTEND** or **LEFT** any histology lectures below, please give your **MAIN** reason

Bone	
I find it difficult to concentrate in class	1
I did not like the way the lecture was presented	2
I have too many lectures to attend	3
I do not like the topic	4
I would rather put effort into reading gross anatomy	5
Personal reasons	6
I study the notes	7
I study the prescribed book	8
I watch the video	9
I use the histology multimedia programs	10

V44 47

9e. If you **DID NOT ATTEND** or **LEFT** any histology lectures below, please give your **MAIN** reason

Lymphoid system	
I find it difficult to concentrate in class	1
I did not like the way the lecture was presented	2
I have too many lectures to attend	3
I do not like the topic	4
I would rather put effort into reading gross anatomy	5
Personal reasons	6
I study the notes	7
I study the prescribed book	8
I watch the video	9
I use the histology multimedia programs	10

V45 48

9f. If you **DID NOT ATTEND** or **LEFT** any histology lectures below, please give your **MAIN** reason

Muscle	
I find it difficult to concentrate in class	1
I did not like the way the lecture was presented	2
I have too many lectures to attend	3
I do not like the topic	4
I would rather put effort into reading gross anatomy	5
Personal reasons	6
I study the notes	7
I study the prescribed book	8
I watch the video	9
I use the histology multimedia programs	10

V46 49

9g. If you **DID NOT ATTEND** or **LEFT** any histology lectures below, please give your **MAIN** reason

Respiration	
I find it difficult to concentrate in class	1
I did not like the way the lecture was presented	2
I have too many lectures to attend	3
I do not like the topic	4
I would rather put effort into reading gross anatomy	5
Personal reasons	6
I study the notes	7
I study the prescribed book	8
I watch the video	9
I use the histology multimedia programs	10

V47 50

9h. If you **DID NOT ATTEND** or **LEFT** any histology lectures below, please give your **MAIN** reason

Vascular system	
I find it difficult to concentrate in class	1
I did not like the way the lecture was presented	2
I have too many lectures to attend	3
I do not like the topic	4
I would rather put effort into reading gross anatomy	5
Personal reasons	6
I study the notes	7
I study the prescribed book	8
I watch the video	9
I use the histology multimedia programs	10

V48 51

9i. If you **DID NOT ATTEND** or **LEFT** any histology lectures below, please give your **MAIN** reason

Neurohistology	
I find it difficult to concentrate in class	1
I did not like the way the lecture was presented	2
I have too many lectures to attend	3
I do not like the topic	4
I would rather put effort into reading gross anatomy	5
Personal reasons	6
I study the notes	7
I study the prescribed book	8
I watch the video	9
I use the histology multimedia programs	10

V49 52

- 9j. If you **DID NOT ATTEND** or **LEFT** any histology lectures below, please give your **MAIN** reason

Soft tissues of the mouth	
I find it difficult to concentrate in class	1
I did not like the way the lecture was presented	2
I have too many lectures to attend	3
I do not like the topic	4
I would rather put effort into reading gross anatomy	5
Personal reasons	6
I study the notes	7
I study the prescribed book	8
I watch the video	9
I use the histology multimedia programs	10

V50 53

- 9k. If you **DID NOT ATTEND** or **LEFT** any histology lectures below, please give your **MAIN** reason

Tooth development	
I find it difficult to concentrate in class	1
I did not like the way the lecture was presented	2
I have too many lectures to attend	3
I do not like the topic	4
I would rather put effort into reading gross anatomy	5
Personal reasons	6
I study the notes	7
I study the prescribed book	8
I watch the video	9
I use the histology multimedia programs	10

V51 54

- 9l. If you **DID NOT ATTEND** or **LEFT** any histology lectures below, please give your **MAIN** reason

Eye histology	
I find it difficult to concentrate in class	1
I did not like the way the lecture was presented	2
I have too many lectures to attend	3
I do not like the topic	4
I would rather put effort into reading gross anatomy	5
Personal reasons	6
I study the notes	7
I study the prescribed book	8
I watch the video	9
I use the histology multimedia programs	10

V52 55

9m. If you **DID NOT ATTEND** or **LEFT** any histology lectures below, please give your **MAIN** reason

Ear and olfactory epithelium	
I find it difficult to concentrate in class	1
I did not like the way the lecture was presented	2
I have too many lectures to attend	3
I do not like the topic	4
I would rather put effort into reading gross anatomy	5
Personal reasons	6
I study the notes	7
I study the prescribed book	8
I watch the video	9
I use the histology multimedia programs	10

V53 56

10a If you **DID NOT ATTEND** or **LEFT** any practicals below, please give your **MAIN** reason

Epitheliums	
I don't need to attend the practical I watch the video	1
I don't need to attend the practical I study the Multimedia programs on histology	2
The practicals are not necessary	3
I have difficulties with the microscope	4
I histology slides are confusing, I would rather put effort into gross anatomy	5
Personal reasons	6

V54 57

10b If you **DID NOT ATTEND** or **LEFT** any practicals below, please give your **MAIN** reason

Epitheliums	
I don't need to attend the practical I watch the video	1
I don't need to attend the practical I study the Multimedia programs on histology	2
The practicals are not necessary	3
I have difficulties with the microscope	4
I histology slides are confusing, I would rather put effort into gross anatomy	5
Personal reasons	6

V55 58

10c If you **DID NOT ATTEND** or **LEFT** any practicals below, please give your **MAIN** reason

Connective tissues	
I don't need to attend the practical I watch the video	1
I don't need to attend the practical I study the Multimedia programs on histology	2
The practicals are not necessary	3
I have difficulties with the microscope	4
I histology slides are confusing, I would rather put effort into gross anatomy	5
Personal reasons	6

V56 59

10d If you **DID NOT ATTEND** or **LEFT** any practicals below, please give your **MAIN** reason

Cartilage	
I don't need to attend the practical I watch the video	1
I don't need to attend the practical I study the Multimedia programs on histology	2
The practicals are not necessary	3
I have difficulties with the microscope	4
I histology slides are confusing, I would rather put effort into gross anatomy	5
Personal reasons	6

V57 60

10e If you **DID NOT ATTEND** or **LEFT** any practicals below, please give your **MAIN** reason

Bone	
I don't need to attend the practical I watch the video	1
I don't need to attend the practical I study the Multimedia programs on histology	2
The practicals are not necessary	3
I have difficulties with the microscope	4
I histology slides are confusing, I would rather put effort into gross anatomy	5
Personal reasons	6

V58 61

10f If you **DID NOT ATTEND** or **LEFT** any practicals below, please give your **MAIN** reason

Lymphoid system	
I don't need to attend the practical I watch the video	1
I don't need to attend the practical I study the Multimedia programs on histology	2
The practicals are not necessary	3
I have difficulties with the microscope	4
I histology slides are confusing, I would rather put effort into gross anatomy	5
Personal reasons	6

V59 62

10g If you **DID NOT ATTEND** or **LEFT** any practicals below, please give your **MAIN** reason

Muscle	
I don't need to attend the practical I watch the video	1
I don't need to attend the practical I study the Multimedia programs on histology	2
The practicals are not necessary	3
I have difficulties with the microscope	4
I histology slides are confusing, I would rather put effort into gross anatomy	5
Personal reasons	6

V60 63

10h If you **DID NOT ATTEND** or **LEFT** any practicals below, please give your **MAIN** reason

Respiration	
I don't need to attend the practical I watch the video	1
I don't need to attend the practical I study the Multimedia programs on histology	2
The practicals are not necessary	3
I have difficulties with the microscope	4
I histology slides are confusing, I would rather put effort into gross anatomy	5
Personal reasons	6

V61 64

10i If you **DID NOT ATTEND** or **LEFT** any practicals below, please give your **MAIN** reason

Vascular system	
I don't need to attend the practical I watch the video	1
I don't need to attend the practical I study the Multimedia programs on histology	2
The practicals are not necessary	3
I have difficulties with the microscope	4
I histology slides are confusing, I would rather put effort into gross anatomy	5
Personal reasons	6

V62 65

10j If you **DID NOT ATTEND** or **LEFT** any practicals below, please give your **MAIN** reason

Neurohistology	
I don't need to attend the practical I watch the video	1
I don't need to attend the practical I study the Multimedia programs on histology	2
The practicals are not necessary	3
I have difficulties with the microscope	4
I histology slides are confusing, I would rather put effort into gross anatomy	5
Personal reasons	6

V63 66

10k If you **DID NOT ATTEND** or **LEFT** any practicals below, please give your **MAIN** reason

Soft tissues of the mouth	
I don't need to attend the practical I watch the video	1
I don't need to attend the practical I study the Multimedia programs on histology	2
The practicals are not necessary	3
I have difficulties with the microscope	4
I histology slides are confusing, I would rather put effort into gross anatomy	5
Personal reasons	6

V64 67

10l If you **DID NOT ATTEND** or **LEFT** any practicals below, please give your **MAIN** reason

Eye histology	
I don't need to attend the practical I watch the video	1
I don't need to attend the practical I study the Multimedia programs on histology	2
The practicals are not necessary	3
I have difficulties with the microscope	4
I histology slides are confusing, I would rather put effort into gross anatomy	5
Personal reasons	6

V65 68

10m. If you **DID NOT ATTEND** or **LEFT** any practicals below, please give your **MAIN** reason

Ear and olfactory epithelium	
I don't need to attend the practical I watch the video	1
I don't need to attend the practical I study the Multimedia programs on histology	2
The practicals are not necessary	3
I have difficulties with the microscope	4
I histology slides are confusing, I would rather put effort into gross anatomy	5
Personal reasons	6

V66 69

11. Have you ever left a histology lecture before the end? (Choose only one)

Never	1
Once	2
Regularly	3
Everytime	4

V67 70

12. If you did leave a histology lecture, or lectures, before the end which of the following is/are applicable?

It was during the same lecturer/s lecture/s	1	V68	<input type="text"/>	71
I could no long concentrate	2	V69	<input type="text"/>	72
The lecture was too long	3	V70	<input type="text"/>	73
I could study the work on my own from the notes or textbook	4	V71	<input type="text"/>	74
The lecture was boring	5	V72	<input type="text"/>	75
I decided rather to look at the video or computer presentation	6	V73	<input type="text"/>	76
I was tired because I had not had enough sleep	7	V74	<input type="text"/>	77

13. Are you unable to concentrate during lectures?
(Choose only one)

Never	1	V75	<input type="text"/>	78
Sometimes	2			
Only when listening to certain lecturers	3			
When the lecture gets too long	4			
Never during the first lecture	5			
Only when I have not had enough sleep	6			

14. Do you think you have to attend to many lectures?

Yes, because there is too much to absorb	1	V76	<input type="text"/>	79
No, but I would prefer longer breaks inbetween	2			
No, I can sit through the lectures and concentrate all the time	3			
The lectures should be shorter and certain topics should be left for self-study	4			
Some lectures should be replaced by computer presentations	5			
All lectures should be replaced by computer presentations	6			

15. Which lectures do you think are vital and cannot be missed? (Choose the ones applicable)

Gross anatomy	1	V77	<input type="checkbox"/>	80
Embryology	2	V78	<input type="checkbox"/>	81
Histology	3	V79	<input type="checkbox"/>	82
Neuroanatomy	4	V80	<input type="checkbox"/>	83
Lecture can be caught up later	5	V81	<input type="checkbox"/>	84

16. For what reason(s) should these lectures not be missed? (Choose the appropriate one/s)

The information cannot be found anywhere else	1	V82	<input type="checkbox"/>	85
The lecturer clears up difficult concepts	2	V83	<input type="checkbox"/>	86
The lecturer gives useful tips for the test	3	V84	<input type="checkbox"/>	87
The lectures are enjoyable	4	V85	<input type="checkbox"/>	88
My sense of duty doesn't allow me to stay away	5	V86	<input type="checkbox"/>	89

17. How would you rate a lecture given with the aid of a computer and a data projector?

Better than a traditional lecture (Using the chalk board, slides and overhead projector)	1	V87	<input type="checkbox"/>	90
Not as good as a traditional lectures	2			
The same as a traditional lecture	3			
Some are better, while others are not	4			
I wish all my lectures were given in this way	5			

18. Did you use the multimedia material that was available?

Did not use it	1	V88	<input type="checkbox"/>	91
Used some of it during Block 1	2			
Used some of it during Block 2	3			
Used only the multimedia for Block 1	4			
Used only the multimedia for Block 2	5			
Used it all	6			

19. I did not make use of the multimedia programs available because: (Choose the primary reason)

Don't know about computers	1
Did not know about the programs	2
Did not have time	3
Looked at it but decided it was not worth it (don't need it)	4
The computers were always occupied	5

V89 92

Non computer users go to Question 34 and carry on from there!

20. I used some of the multimedia programs available because: (Choose the primary reason)

I struggled with the computer	1
The computer programs were too difficult to use	2
Some of the programs were good and other were not good	3
I decided it was not worth it (don't need it) after I started to use it	4
The computers were always occupied	5

V90 93

21. How much time did you spend on the histology multimedia? (Choose the appropriate one)

2 – 4 hours	1
4 – 6 hours	2
6 – 8 hours	3
More than 8 hours	4

V91 94

22. Are the colours used in the programs clear and pleasing to the eye?

Yes	1
No	2
Did not notice the colors	3

V92 95

23. Are the font type and letter size easy to read?

Yes	1
No	2

V93 96

24. Is the text simple, readable and easy to follow?

Yes, always	1
Not always	2
No	3

V94 97

25. **Layout:** Are the pictures and text well laid out?

Yes, always	1
Not always	2
No	3

V95 98

26. Are the pictures used effectively?

Yes, always	1
Not always	2
No	3

V96 99

27. Is it easy to use the program?

Yes	1
No	2

V97 100

28. Are the instructions clear and easy to understand?

Yes, all instructions are clear	1
Not all the instructions are clear	2
Instructions are not clear at all	3

V98 101

29. Is it easy to move through the programs i.e. find specific topics available in the program?

Yes, it is simple to navigate	1
Not everything is clear	2
Instruction are not clear at all	3

V99 102

30. Does using the program get easier as you use the program more and more?

Yes, it gets easier	1	V100 <input type="text"/> 103
No, it is clear from the beginning	2	
No, it is still complicated after having used it a couple of times	3	

31. Is the use of speech helpful/necessary?

Speech is very important in the program	1	V101 <input type="text"/> 104
Speech helps but is not that important	2	
I seldom used the sound	3	
Sound is not important and is unnecessary	4	

32. Is the work well explained?

Always	1	V102 <input type="text"/> 105
Most of the times	2	
Only a few topics are well explained	3	
No topic is well explained	4	

33. Is the work systematically explained?

The sequence is mixed up in all cases	1	V103 <input type="text"/> 106
The sequence is mixed up in some cases	2	
The sequence is not bad but could be improved	3	
The sequence is correct	4	

34. How many times did you watch the video?
(Choose the applicable one)

Once	1	V104 <input type="text"/> 107
Twice	2	
Three times	3	
Four times	4	
More than four times	5	

35. If you watch the video where do you normally watch the video? (Choose the applicable response)

In the library	1
In the residence	2
On you own video machine	3
On a friend's video machine	4
On a borrowed video machine	5

V105 108

36. When you watched the video in the library the following applied:

I had problems finding a booking	1
I could easily find a booking	2
The video machines are always in working order	3
The video machines are not always in working order	4
The quality of the video is satisfactory	5
The quality of the video is not always good	6

V106 109

37. Is the multimedia on a computer better than using a microscope? (Choose the appropriate one)

Much better	1
Not better	2
The same	3
The computer can completely replace the microscope	3

V107 110

38. Does the programs make it easier to remember the work? (Is your recollection better?)

No	1
Yes	2
There is no difference	3

V108 111

39. Are the programs enjoyable to use?

Yes	1
No, I prefer to read the notes	2
No, I prefer to watch the video	3
No, I prefer to read the prescribed book	4
No, but it is better than reading the notes	5

V109 112

40. Did you do better in the topics where programs are available?

No	1
Yes	2
Some are better and other not	3
There is no difference	4

V110 113

41. Did you spend more time on histology than you would have if there were not computer programs available?

No	1
Yes	2
The programs make no difference	3

V111 114

42. Was it difficult to get help when you had a problem with the program?

Yes	1
No	2

V112 115

43. Could your fellow students help you with a problem?

Sometimes	1
Always	2
Sometimes we could not solve the problem	3

V113 116

44. Did you help some other student with a problem?

Never	1
Once	2
A couple of times	3
Never	4

V114 117

45. Were there many errors in the programs that you can identify?

Many	1
A few	2
I couldn't find any	3

V115 118

46. Were there navigational errors in the programs that you can identify?

Many	1
A few	2
Couldn't find any	3

V116 119

47. Were there many technical problems when you used the programs?

Never	1
Program wouldn't run	2
A red cross was displayed sometimes	3
Computers crashed	4
CD rom wouldn't read the CD	5

V117 120

48. What is your considered opinion on the histology course and the availability offerings of a multimedia environment? (Choose only one answer)

Multimedia can completely replace the histology course	1
Multimedia histology should be supported by practicals and lectures	2
Multimedia histology should be supported by lectures	3
Multimedia histology should be supported by practicals	4
Multimedia should only be additional, for those interested	5

V118 121

49. A multimedia session done on a computer is better than a traditional lecture: (Choose only one)

No	1
Depends on the lecture	2
Depends on the computer presentation	3
A good computer presentation is better than any lecture	4
A computer presentation is for revision	5

V119 122

50. Do you prefer a video more than an interactive computer presentation? (Choose only one)

Yes, I would prefer to use videos as an additional way of studying histology	1	V120	<input type="text"/>	123
I would like to watch the histology video in addition to computer presentations	2			
Videos are not necessary when you have interactive computer presentations	3			

51. Did the programs change you attitude (rating of) towards histology? Did it make you enjoy histology more?

Yes, a little	1	V121	<input type="text"/>	124
Yes, a lot	2			
No	3			

52. What computer did you use the program on? Write in the mHz.

Medunsa's computer	1	V122	<input type="text"/>	125
My own Pentium I ...	2			
My own Pentium II ...	3			
My own Pentium III ...	4			

53. If I put a big effort into the theory of Histology:

I will do well	1	V123	<input type="text"/>	126
I may still fail	2			
I will only get an average mark	3			
I rather put in a big effort into practical histology	4			
I rather spend the time on gross or embryology	5			

54. If I put in a big effort into practical Histology:

I will do well	1	V124	<input type="text"/>	127
I may still fail	2			
I will only get an average mark	3			
I rather put in a big effort into the histology theory	4			
I rather spend the time on gross or embryology	5			