

Survey Analysis:

1st EULAR Online Course on Capillaroscopy and Microcirculation

Total number of learners: 259

Survey format: Participants are asked to rate on how much they agree with the statement on a scale of 1 to 10; 10 being the best score.

Quicklinks:

Module 1 - The Microcirculation in RMDs: overview in health and disease

Module 2 - The diagnostic tools to evaluate the Microcirculation in RMDs: focus on Capillaroscopy

Module 3 - Capillaroscopy: when to perform and how to evaluate, optimise and report the results

Module 4 - Capillaroscopic patterns in systemic sclerosis: predictive indexes, links with functional methods analysing the Microcirculation and with clinical complications

Module 1 - The Microcirculation in RMDs: overview in health and disease

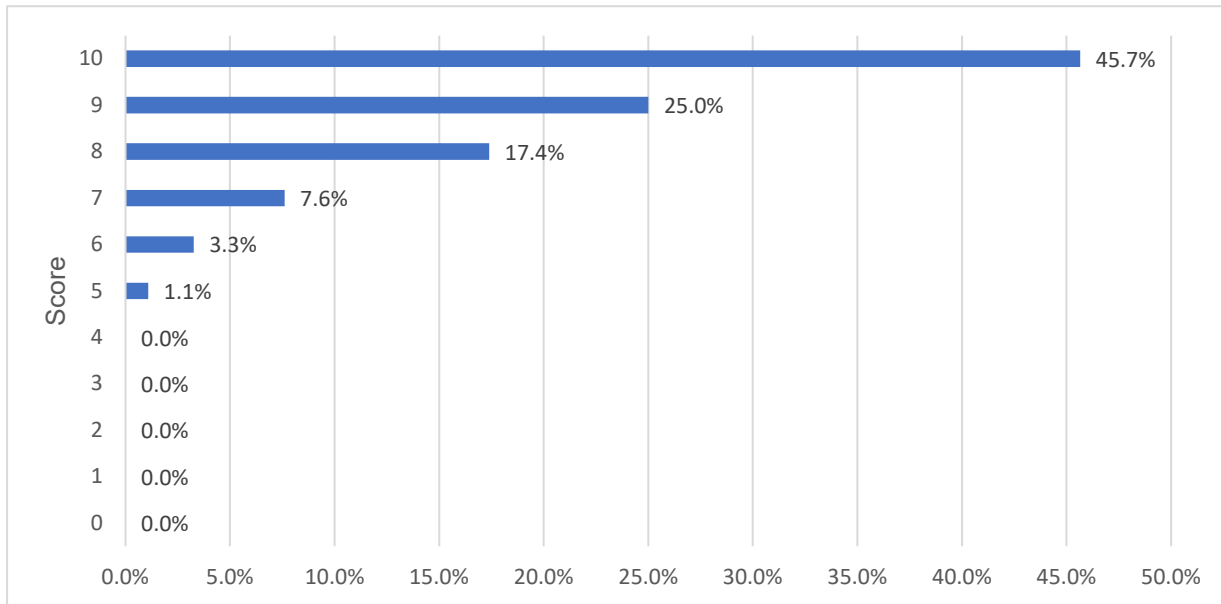
Number of survey participants: 92

Survey participants were asked to give a score between 0 to 10.

0 being very poor.

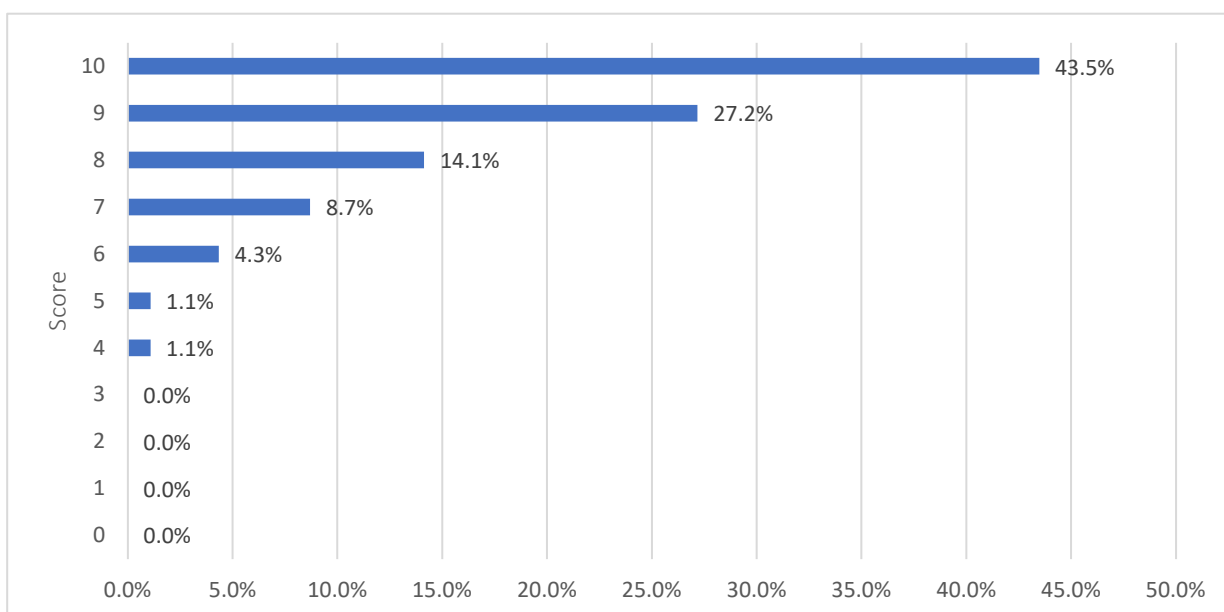
10 being excellent.

Q1: The module was very well organised



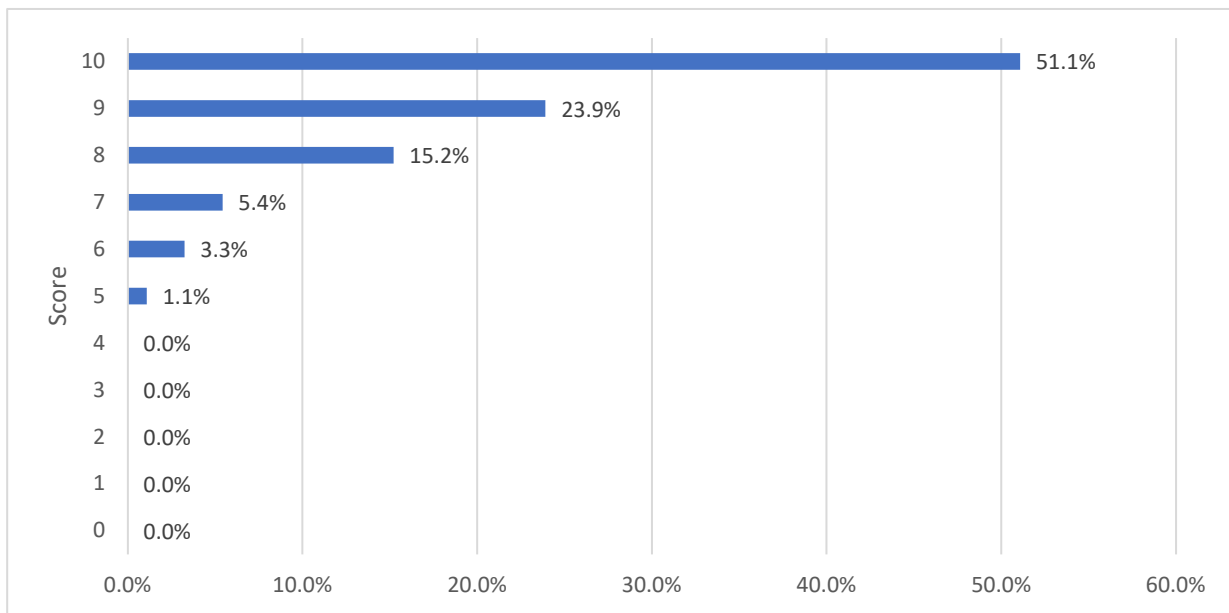
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	0	0	1	3	7	16	23	42

Q2: The learning objectives and actual teaching content matched well?



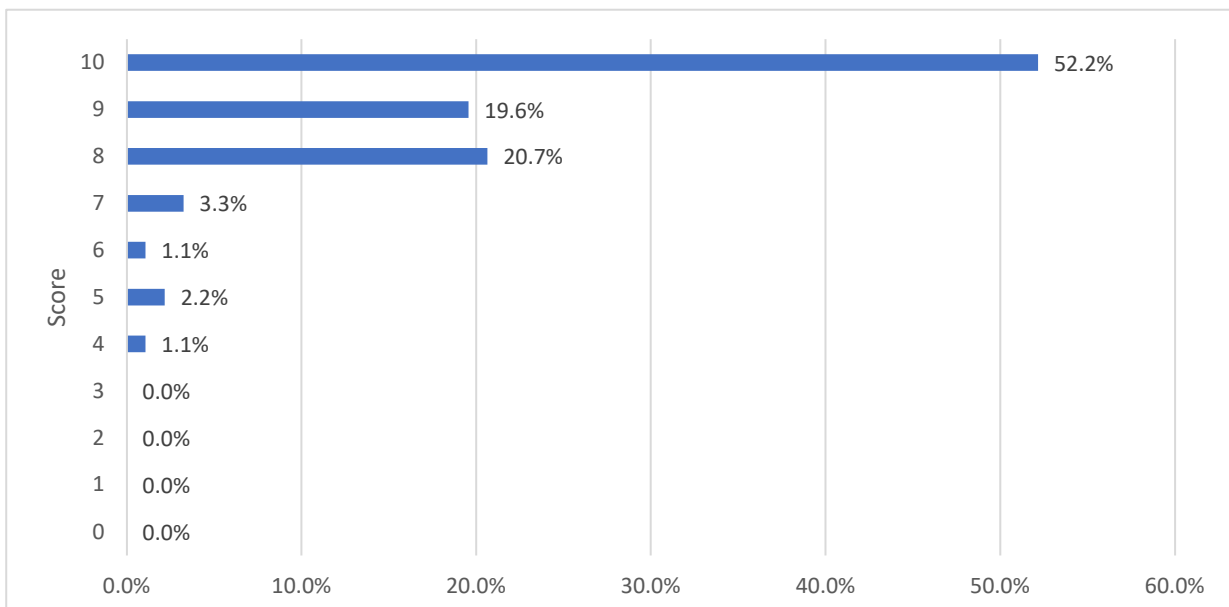
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	0	1	1	4	8	13	25	40

Q3: Overall the learning material was well presented and clear?



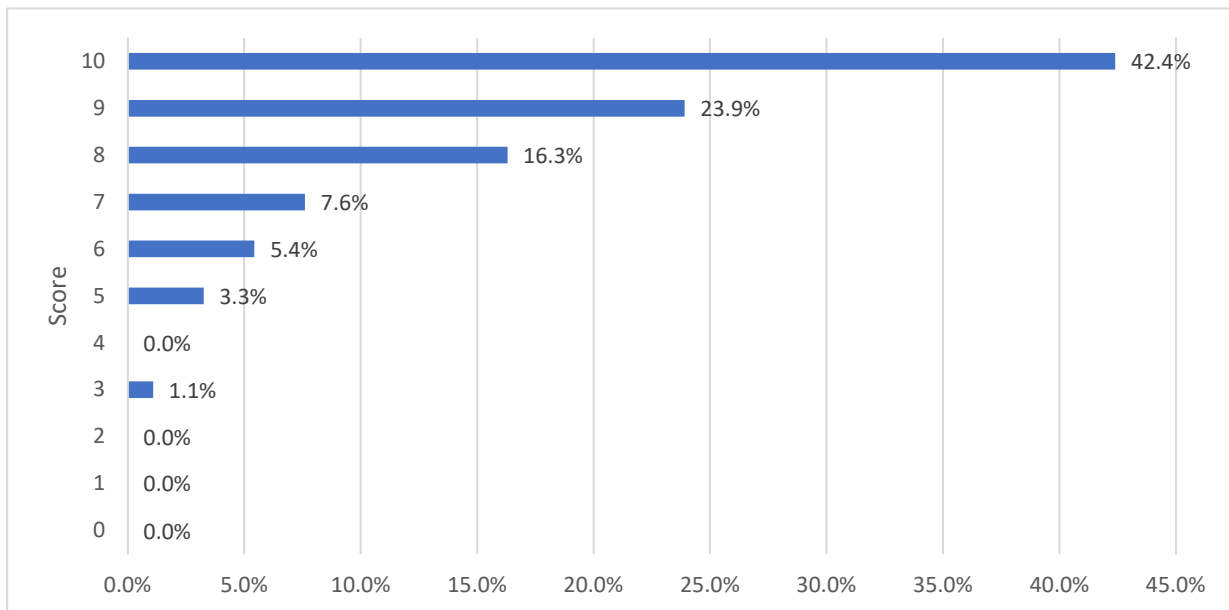
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	0	0	1	3	5	14	22	47

Q4:
The interactive cases were very helpful to my practice?



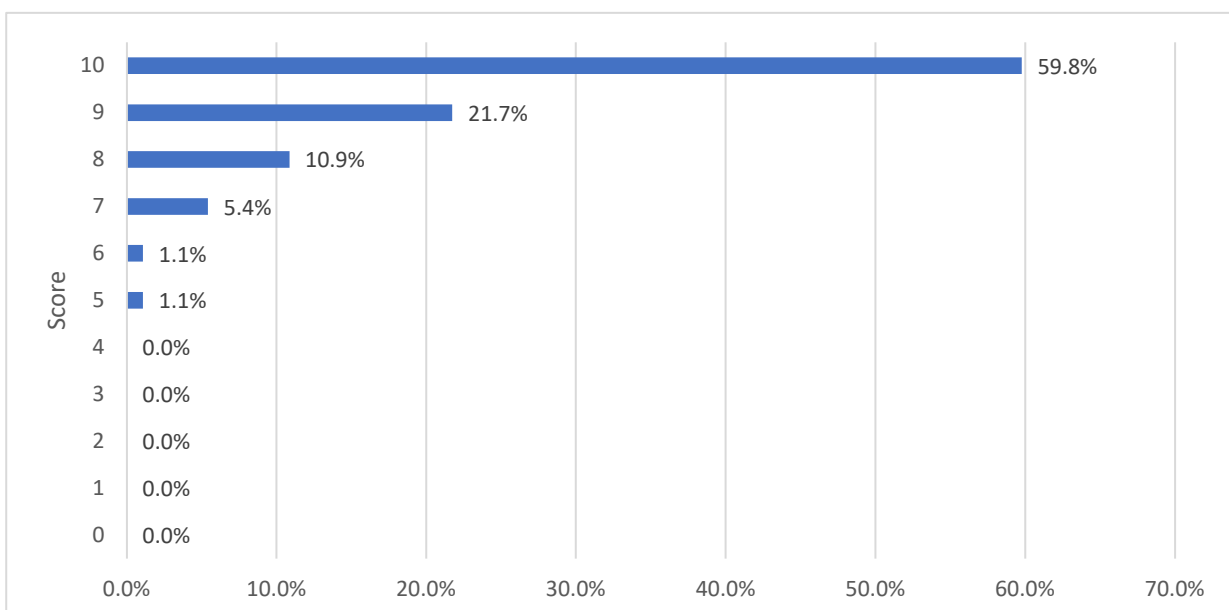
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	0	1	2	1	3	19	18	48

Q5: The self-assessment questions at the end of each section really helped me to master the topic?



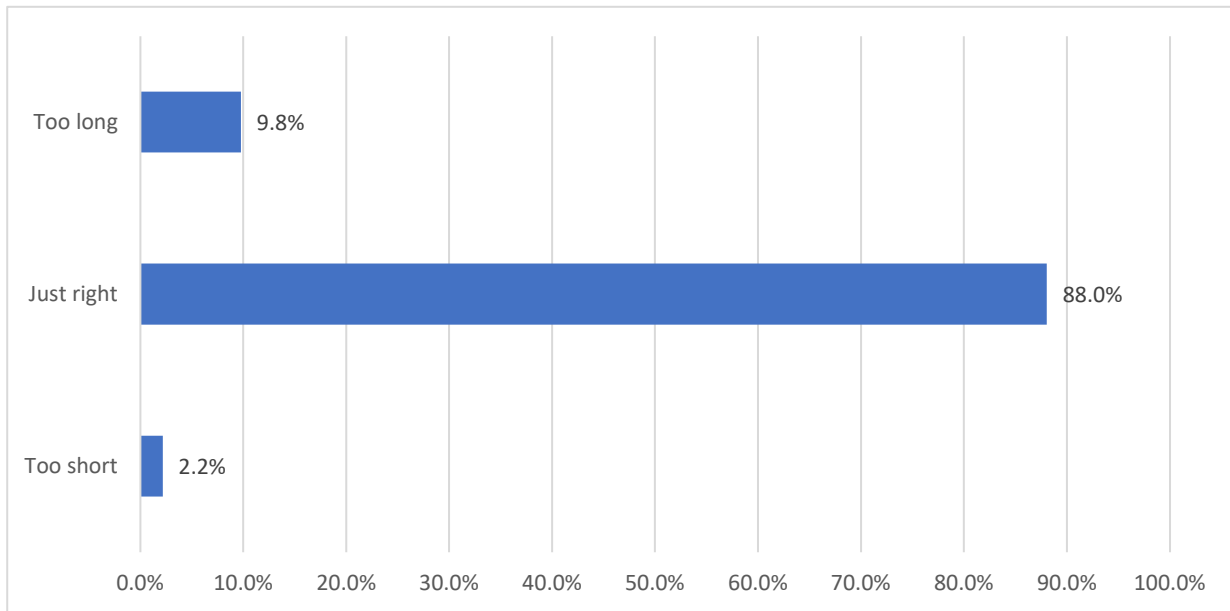
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	1	0	3	5	7	15	22	39

Q6: The overall quality of the images/graphs/videos/PowerPoints imbedded in the content was excellent?



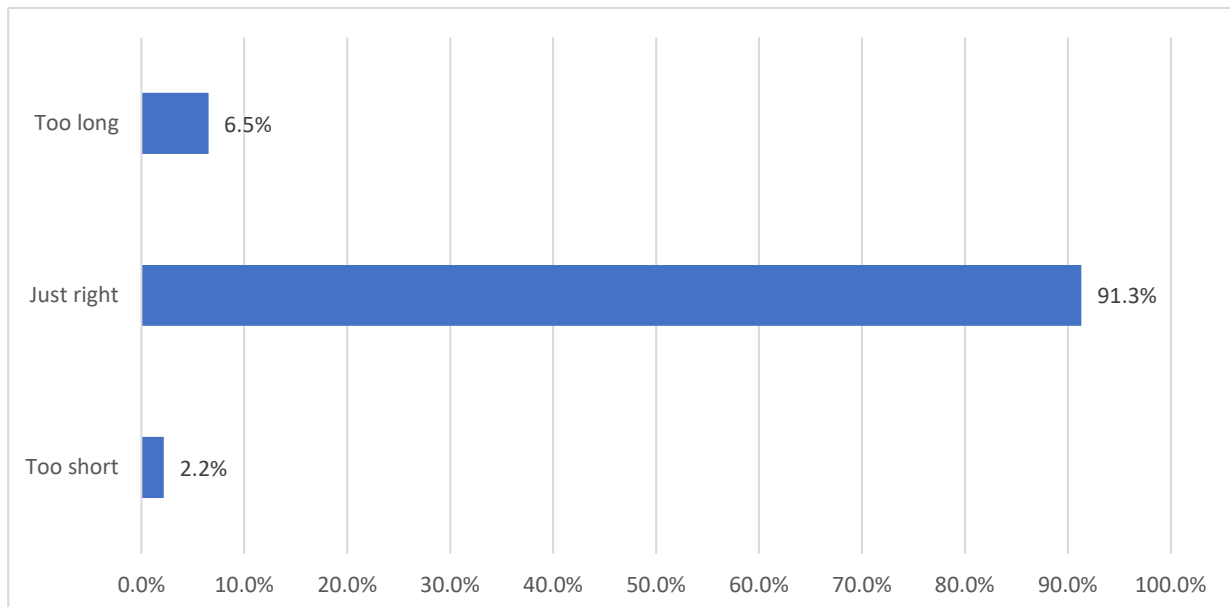
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	0	0	1	1	5	10	20	55

Q7: The amount of text for this module was:



Response	Too short	Just right	Too long
Count	2	81	9

Q8: The study time estimated for this module was:



Response	Too short	Just right	Too long
Count	2	84	6

Q9: What are the three best features of this module for you?

Compartmentalization by pathologies Excellent images Objectivity
Interactive cases Self assessment questions Good to finally start
Review of the anatomy of microcirculation Concise review of microcirculation in different diseases Interactive cases
good introduction nice pictures excellent synthesis
Pictures Interactive case Material clear
It is the mixture of the three: the background text, the self-assessments and the interactive cases. The smile of the doctor, when the answer is correct, is very nice and motivating!
CLARITY, THOROUGHNESS, QUALITY OF THE IMAGES USED
Interactive cases, questions and images
Clinical Cases Images and photos Feedback information
well organized diversity of teaching modalities evidence-based knowledge
Pictures Clinical cases High-yield summaries of useful info
vasculitis and treatment of raynaud
<ul style="list-style-type: none"> - The self-assessment question at the end of each topic. - The overview about the pathophysiology of microcirculation. - The overview about the management of Raynauds phenomenon and cutaneous vasculitis lesions.
Very good images Very clear text and adequate to the objectives of the module
Clinical cases
Casi interattivi Domande di autoverifica Approfondimenti
RF practical approach Nailfold abnormalities in different rmd Images
Raynaud phenomenon, capillaroscopy in systemic sclerosis and other diseases.
systematic overview
Better understanding of pathophysiology behind Raynaud phenomenon in different inflammatory and systemic rheumatic diseases Better understanding of cappillaroscopic findings in different rheumatic diseases Applicability of clinical cases in my daily practice
the summary of pathologies

1. Clinical cases 2. Images 3. Graphs about management
The correlations explained between biomarkers and vc findings.
Clinical Cases, quality of text and references
clinical cases, discussion of disease specific microcirculation abnormalities, review of optimal practice in management of RP
virtual modality, images and algorithms
Interactive cases Photos Self-assessment
1. It is a didactic module, it has images, short and concrete readings 2. the concepts are clear, it makes learning easier 3. The virtual module facilitates study with greater peace of mind and time can be managed
As a dermatologist I find it very informative, a few information is quite new for me. It is very detailed and well organised.
Images Correlation with pathogenesis Clinical pearls
Microcirculation explain for each pathology Interactive parts Self assessment quiz
1- the relationship between patophysiology and NVC was very clear. 2- the clinical cases were easy to apply in clinical practice 3- a very complete review of other RMD and NVC.
Contenido completo Objetivos claros Buenas imágenes.
-Basic information about of the microvascular alterations in rheumatology diseases -Capillaroscopy in each condition -La capilaroscopia ungueal alterada en cada padecimiento -The features of Raynaud phenomenon
A lot of the information was new to me. It is very convenient that so much new and useful information for me is concentrated in one place. It is very convenient that after the theoretical information there are questions aimed at the practical application of the information received.
Comprehensive, good clinical cases, good questions
Detailed explanations of microcapillary pathology, etiology and treatment implications.
The concretisation of capillaroscopic findings in the different diseases. The interactiv learning. The skin vasculitis module.
Assessment of pathophysiological, clinical and NVC characteristics of different diseases
images clinical cases references
schematic synthetic NVC oriented
Clinical cases Interesting tests Good graphics and photos

-home study -basic notions about rheumatic diseases -basic skills in capillaroscopy
introduction to the topic and applicability to RMD
The general approach of the alteration in capillaroscopy in rheumatic diseases
organizer, good interactive cases and the detailed correct/wrong answer
It is helpful to be broken up into small sections. Good to have things to click on. Interactive cases are helpful.
Organization by different pathologies

Q10: Please give any suggestions or comments here

Reduce text about pathophysiology and cytokines if it is not strictly associated with treatment or clinical features.
Some of the background information was too detailed More images
The questions (case study) for non-rheumatologists are quite hard to answer.
It would be nice in the introduction to learn about the different tests and a little about if you need to pass them, how many correct answers you need, or is it just to help you practice and know your skill-level?
feedback suggestions in clinical cases are not clear to classified

Module 2 - The diagnostic tools to evaluate the Microcirculation in RMDs: focus on Capillaroscopy

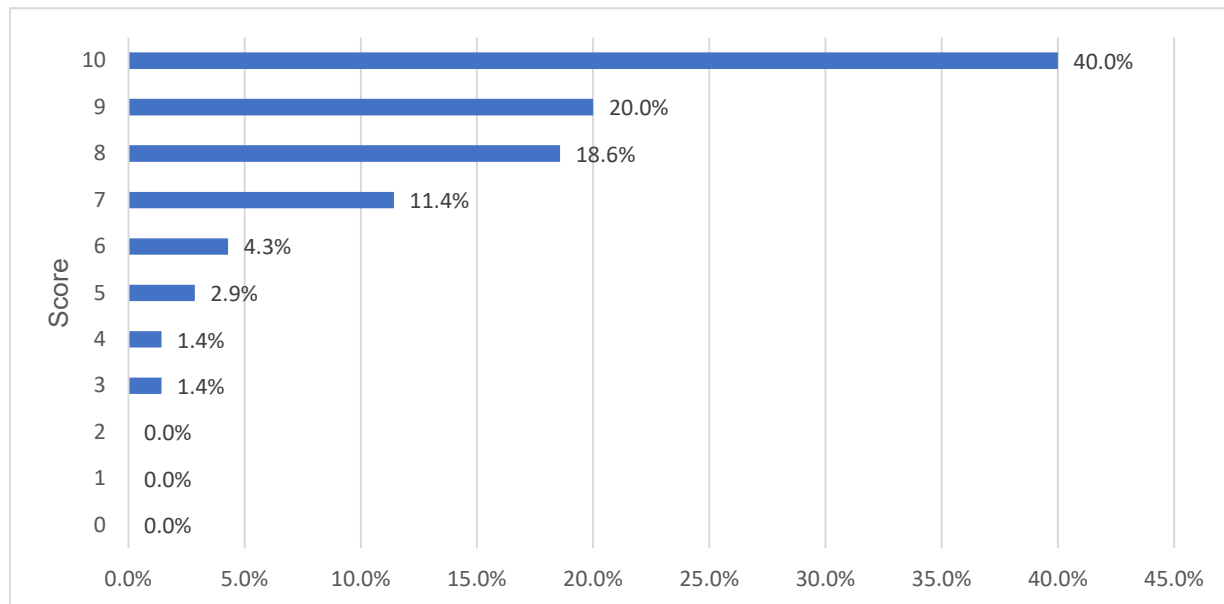
Number of survey participants: 70

Survey participants were asked to give a score between 0 to 10.

0 being very poor.

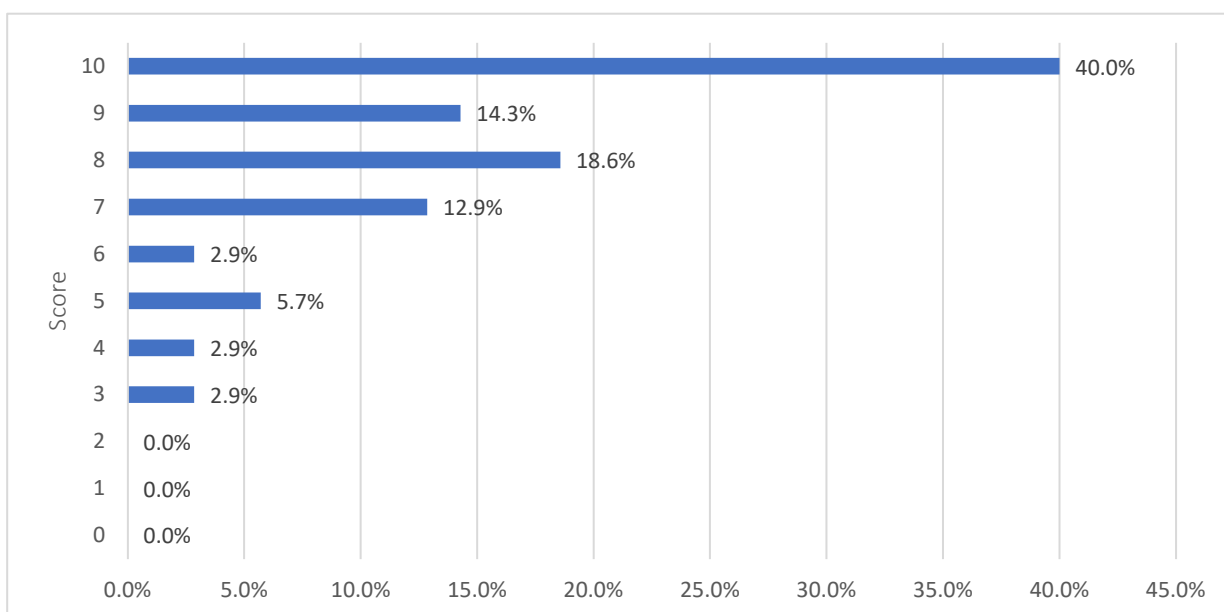
10 being excellent.

Q1: The module was very well organised



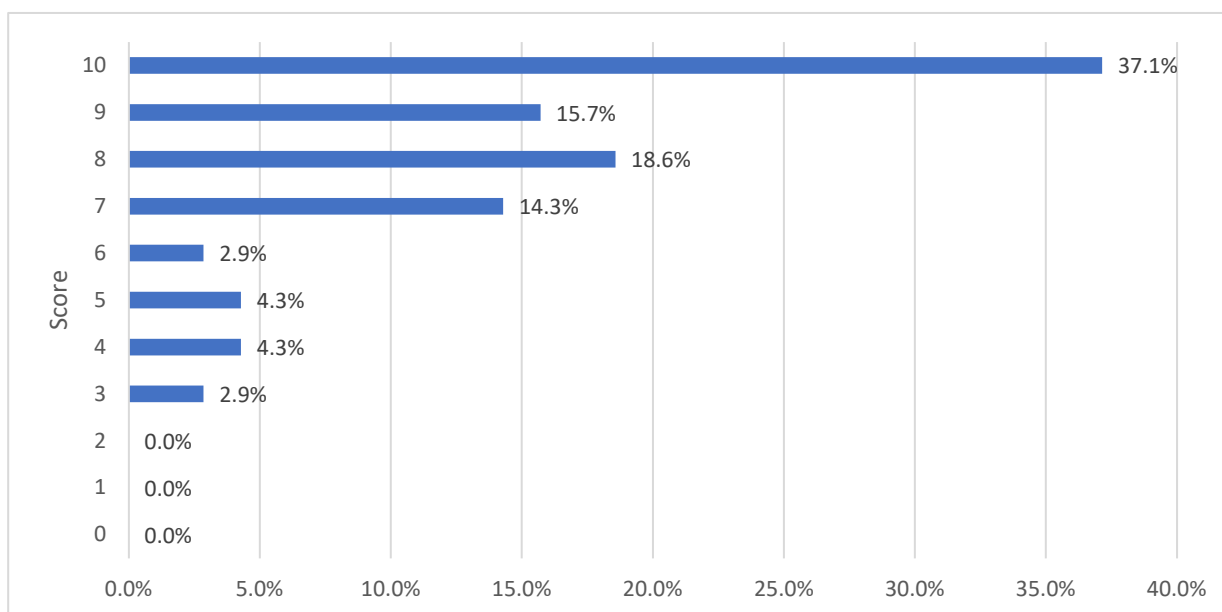
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	1	1	2	3	8	13	14	28

Q2: The learning objectives and actual teaching content matched well?



Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	2	2	4	2	9	13	10	28

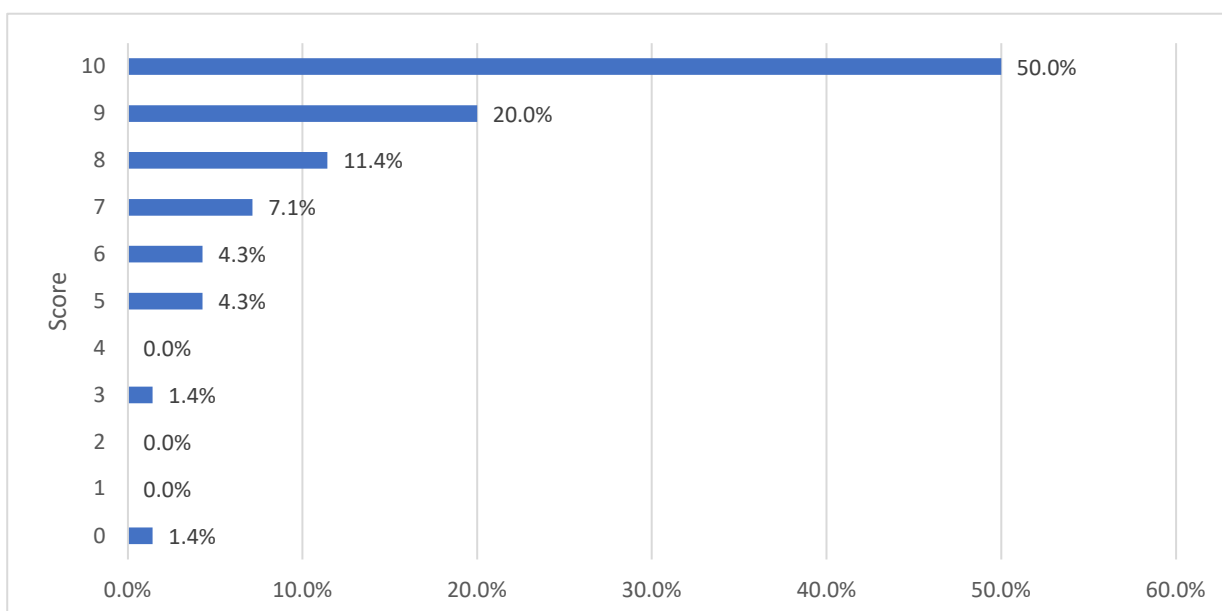
Q3: Overall the learning material was well presented and clear?



Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	2	3	3	2	10	13	11	26

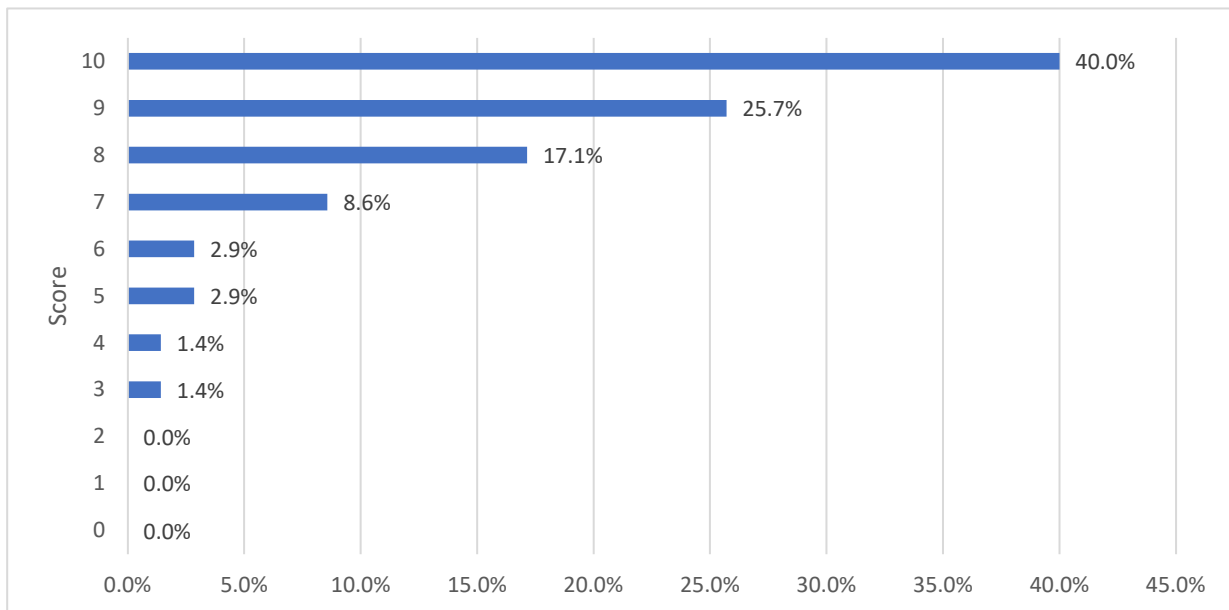
Q4:

The interactive cases were very helpful to my practice?



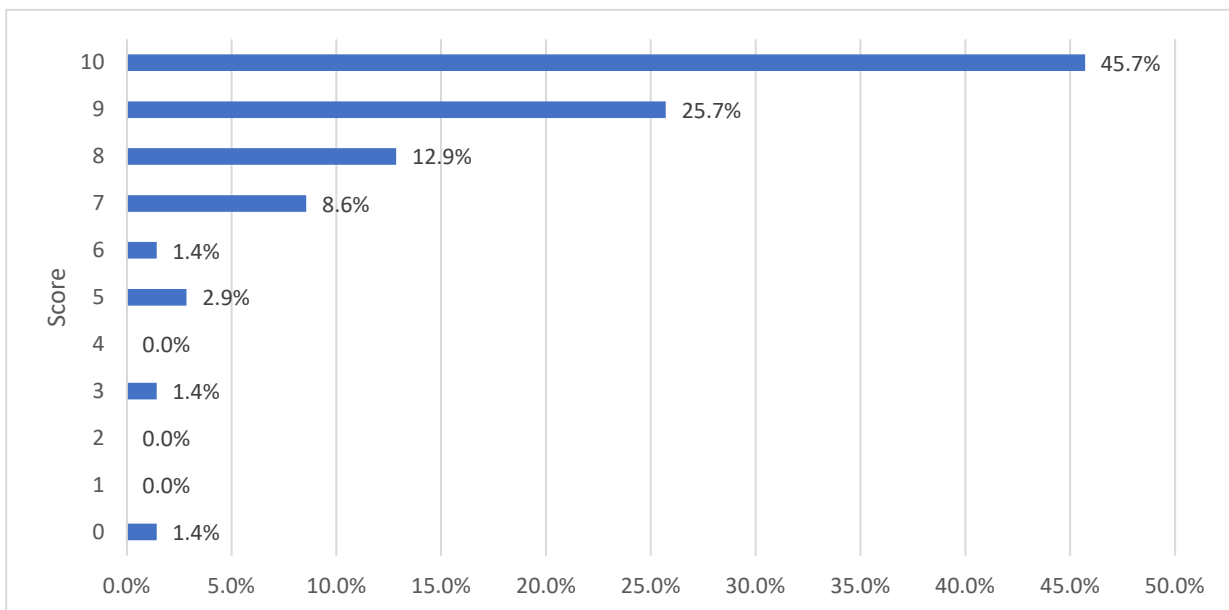
Score	0	1	2	3	4	5	6	7	8	9	10
Count	1	0	0	1	0	3	3	5	8	14	35

Q5: The self-assessment questions at the end of each section really helped me to master the topic?



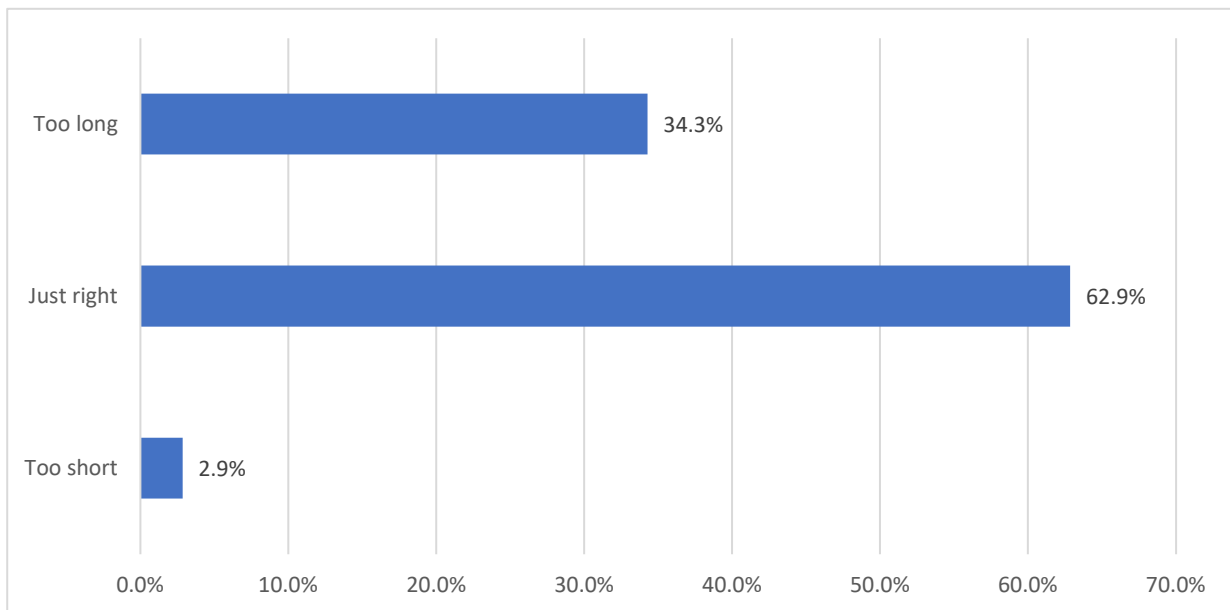
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	1	1	2	2	6	12	18	28

Q6: The overall quality of the images/graphs/videos/PowerPoints imbedded in the content was excellent?



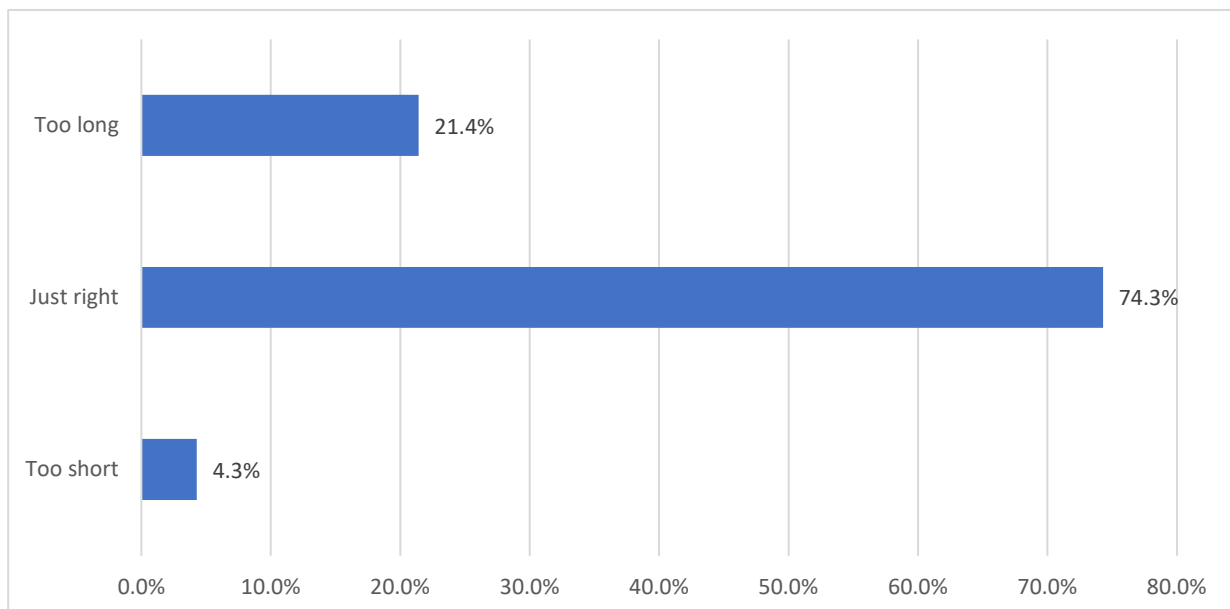
Score	0	1	2	3	4	5	6	7	8	9	10
Count	1	0	0	1	0	2	1	6	9	18	32

Q7: The amount of text for this module was:



Response	Too short	Just right	Too long
Count	2	44	24

Q8: The study time estimated for this module was:



Response	Too short	Just right	Too long
Count	3	52	15

Q9: What are the three best features of this module for you?

the clinical cases the NVC practice the overview of microcirculation techniques
the summary podcast The practical cases The images/graphics
Technical aspects of the different diagnosticado Methods.
podcast, clear pictures, patient cases
Clear explanation of NVC technique. Summary Podcast. Images in clinical cases.
Excellent visual aid with photographs and examples Interactive cases Step by step intruction on how to use video capillaroscopy
Concise To the point Interesting
clinical cases cappilaroscopy images information about NVC
Explaining the technique
Clinical cases Images Correct technique
Capillaroscopy Questions Clinical scenarios
The metods of imagen to evaluate in Raynaud Phenomenon The morphologic evaluation in capillaroscopy asociated to systemic sclerosis The interactive cases to complement of learning
It was very complete, very detailed and clear.
thr interactive cases the explanation of photoacoustic imaging comparison of different techniques
Good information but less relevant for what I am after in this learning as I do not have access to most of these tools.
Interactive case reports, images and subsequent explanations, technical data regarding current options for microcirculation assessment.
1. clinical cases. 2. parts about laser doppler imaging etc vere too long- it's nailfold capillaroscopy course
Review techniques I do not use daily in my practise The quality of the module Imaging of the techniques
getting orientation about emerging functional assessment tools for evaluation of microcirculation orientation about different devices of NC Clinical cases and discussion were informative for clinical practice

Clinical cases, images
ease of use
Very well organised
Capillaroscopy section
Examples
tests/cases
organized
didactic
interesting clinical cases
Interactive cases
In depth sections
Images
Demonstrating videocapillaroscopy equipment and imaging analysis process
- the summary podcast
- the summary points
- the explanation on how to use the videocapillaroscopy
KNOWLEDGE OF OTHER TECHNIQUES to evaluate microcirculations in RMDs
The clinical cases were interesting.
Test helped clarified information
the capillaroscopy part most of all and the clinical cases
Contextualization of the learning points
Integration of knowledge to the daily practice
See the images of capillaroscopy
images
clinical cases
very well organized
clarity
very intriguing
Images
Adequate texts
Cases examples
focus on NVC
Appropriate content
Good images
Attractive problems
Practice pictures
Real life cases
Review of the techniques
The first interactive clinical case looks very interesting and perhaps the most important part of the whole course so far (at least in this module) but it is not possible to access it. I've tried multiple times and sent an email to report the same thing, and it's still not possible to see the case. I look forward to seeing the case before answering some of these questions in the survey.
knowing about new techniques, helpfull information, prospective search

Q10: Please give any suggestions or comments here

I suggest increasing more the NVC practice (protocolling with cases) and shorten the explanation of other techniques a little bit
Just in time learning is better - stop restricting modules
Keep up the good work.
please , the dowlauded
VIDEOS TO WATCH HOW PERFUSION TOOLS WORK
It is a little hard to see the videocapillaroscopy mesurements from the laptop, but maybe I just need to use bigger screen to help me with it.
To much information about studies and tools that I don't use The scheeme in the beginning should be presented more, with weigth on the different uses, advantages and disadvantages.
I would have liked to receive more information about available softwares to analyse images obtained with USB devices.
overall, it's a great job; though, for me functional assessment tools were somewhat difficult to understand; i think that some more basic knowledge is required for better understanding of physics terms and principles of function of presented tools. thanks alot
not easy to use in practice
Thermography and laser techniques not applicable to most non-researchers
I thought there were too many details about methods that are not yet in use in clinical practice.
More graphics/image then text would be helpful to learn and understand

Module 3 - Capillaroscopy: when to perform and how to evaluate, optimise and report the results

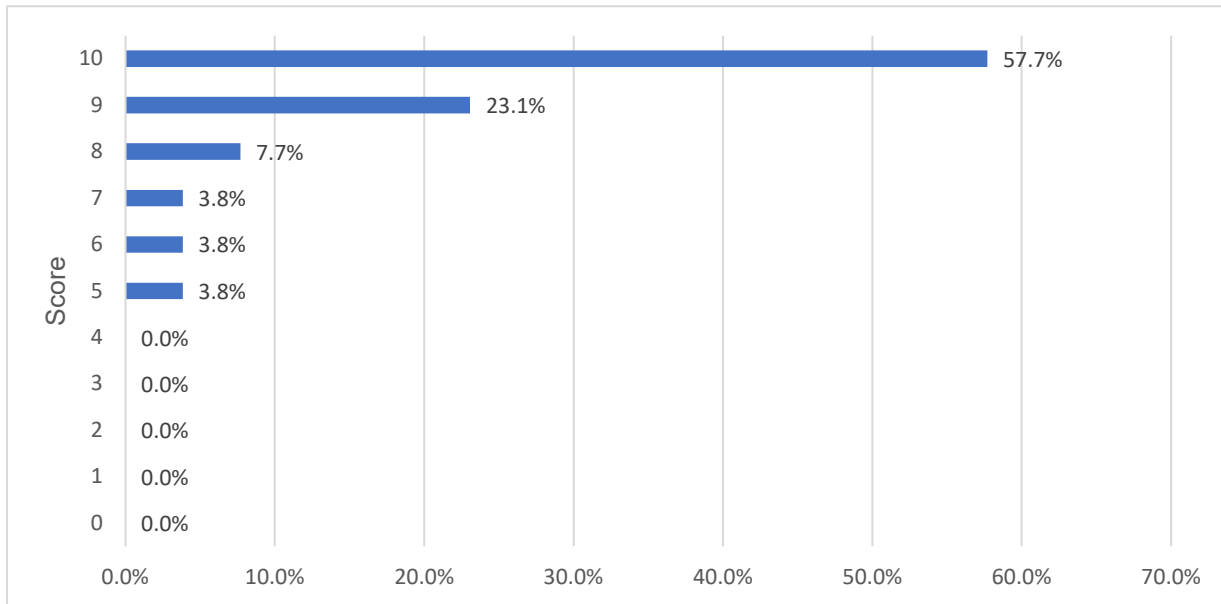
Number of survey participants: 52

Survey participants were asked to give a score between 0 to 10.

0 being very poor.

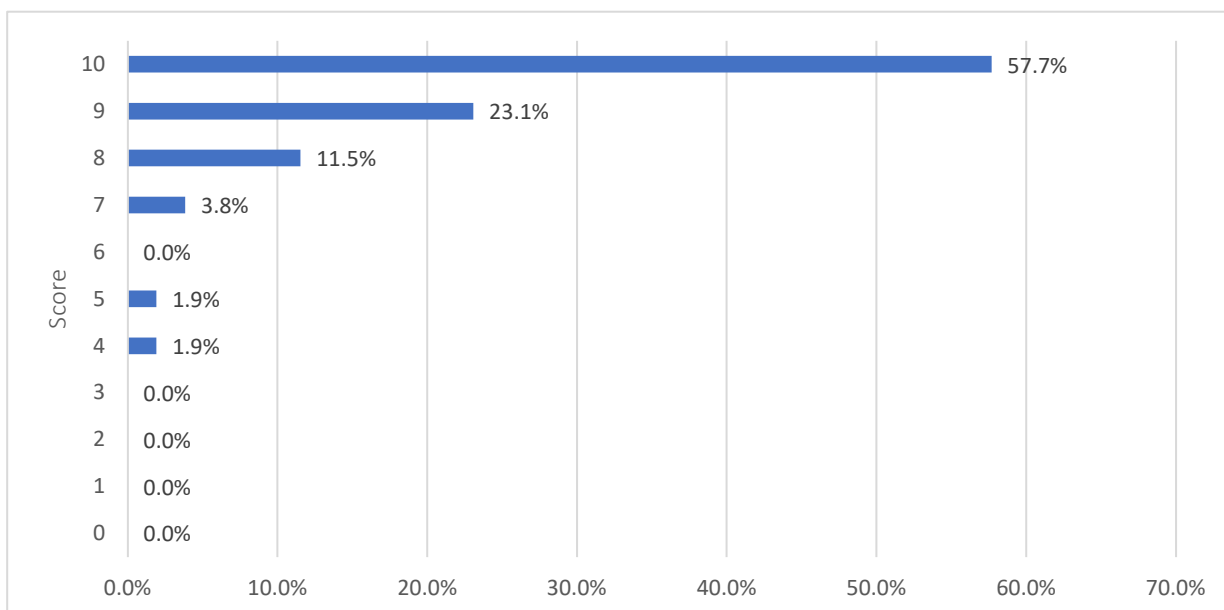
10 being excellent.

Q1: The module was very well organised



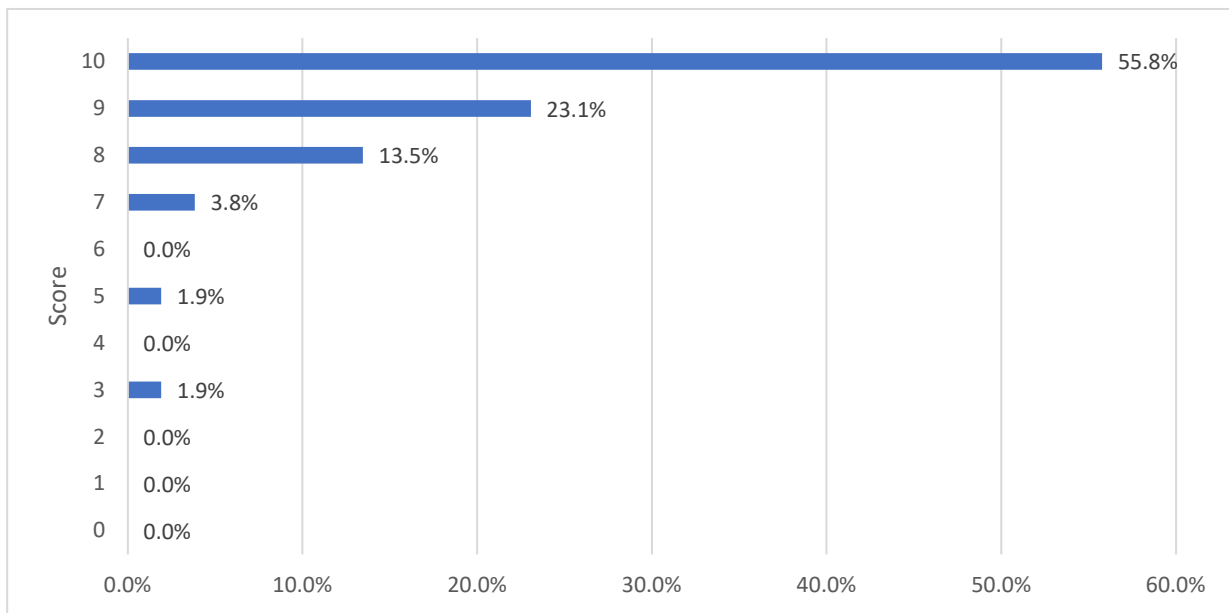
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	0	0	2	2	2	4	12	30

Q2: The learning objectives and actual teaching content matched well?



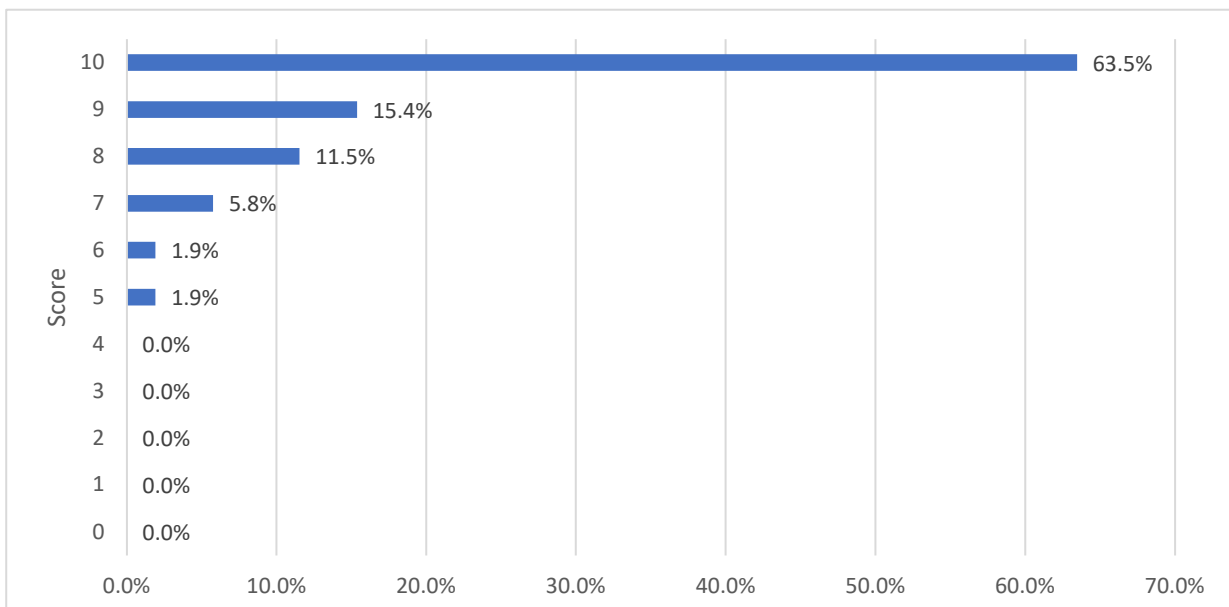
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	0	1	1	0	2	6	12	30

Q3: Overall the learning material was well presented and clear?



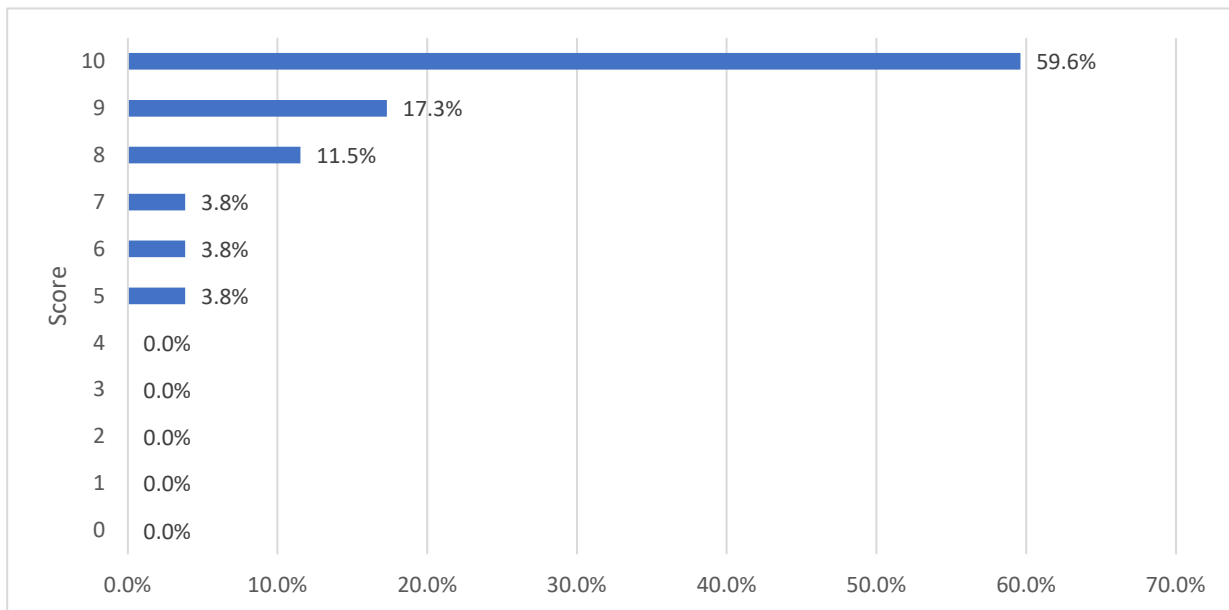
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	1	0	1	0	2	7	12	29

Q4: The interactive cases were very helpful to my practice?



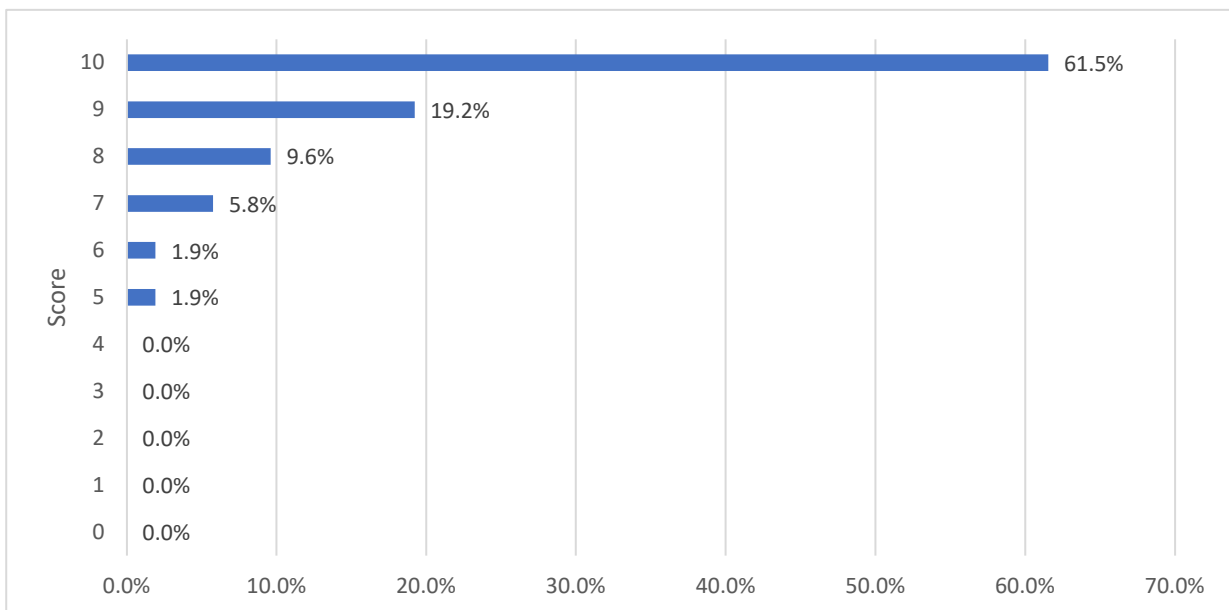
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	0	0	1	1	3	6	8	33

Q5: The self-assessment questions at the end of each section really helped me to master the topic?



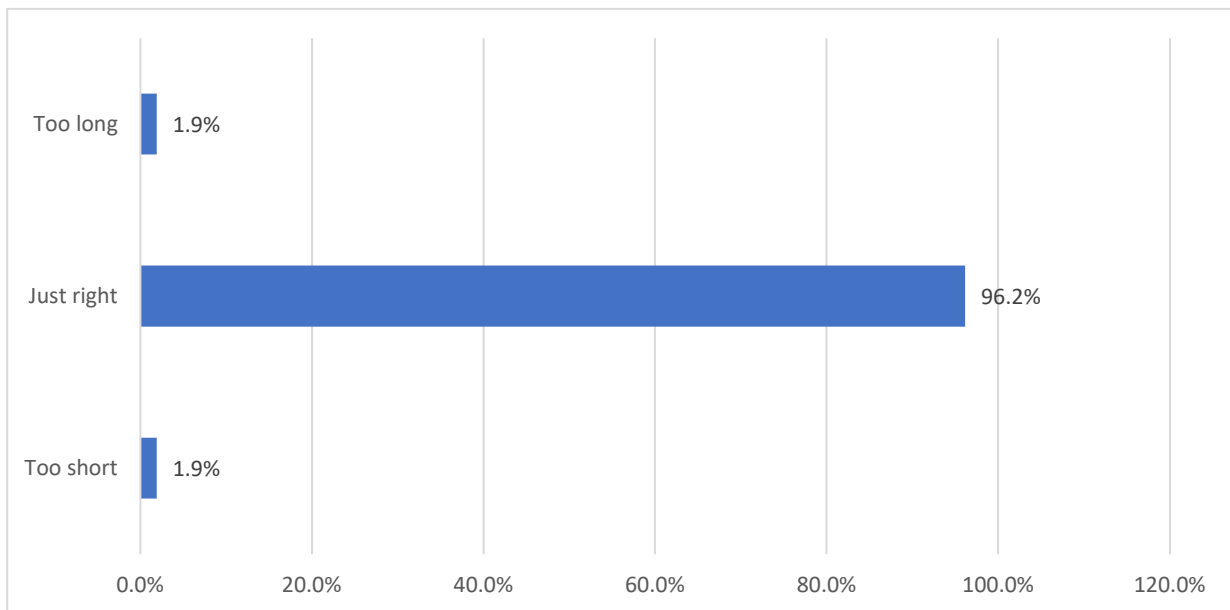
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	0	0	2	2	2	6	9	31

Q6: The overall quality of the images/graphs/videos/PowerPoints imbedded in the content was excellent?



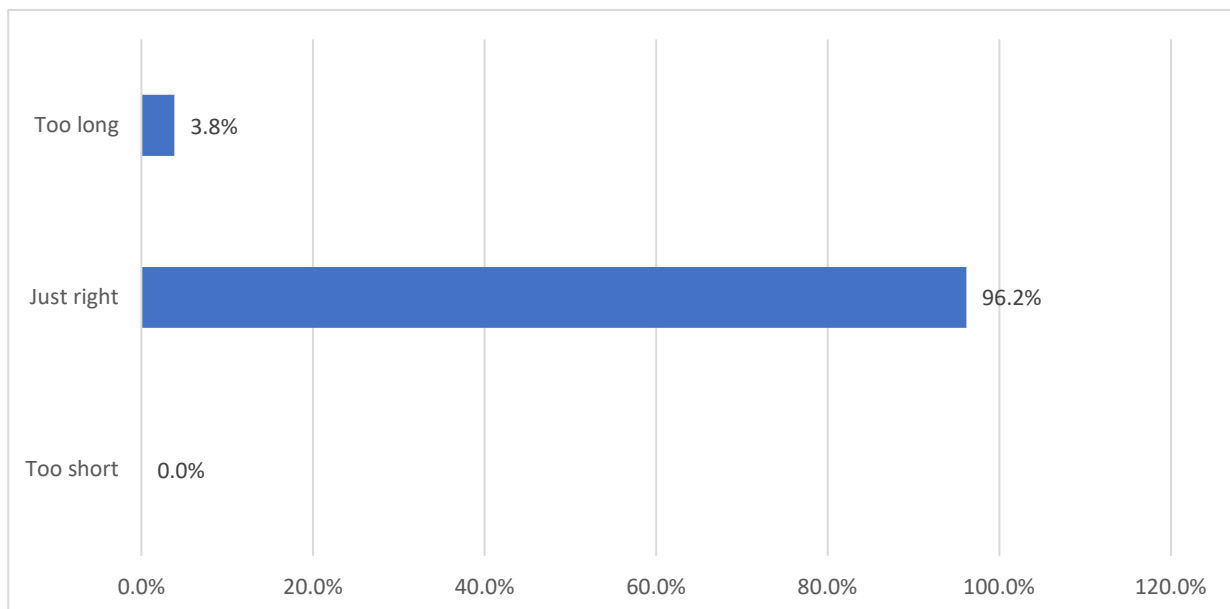
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	0	0	0	1	1	3	5	10	32

Q7: The amount of text for this module was:



Response	Too short	Just right	Too long
Count	1	50	1

Q8: The study time estimated for this module was:



Response	Too short	Just right	Too long
Count	0	50	2

Q9: What are the three best features of this module for you?

- the description of normal NFV - the interactive cases - all the images presented
Clear concise message. Repetitive on key points. Ease of reading.
better than Module 2 VERY PRACTICAL
Good examples with great images Straight to point explanations Correlations with dermatoscopy
1)descriptions of capillaroscopy images 2)scheme of capillaroscopic examination 3)patterns of capillaroscopic images in healthy people
The topic of this module The images The summary tables presented
Clinical cases Pictures
pictures of NFC; easy to remember most important things for early, active and late scleroderma pattern; self assesment questions
GOOD SYSTEMATIZATION OF PATTERNS
the images the clarity the clinical cases
Concret, helpful, just right
Clear presentation of normal pattern Dermatoscopy for capillaroscopy
It was very interesting and the CORE module for understanding the main points in capillaroscopy
the focus on the fast track and the table1 : the best way to fix a concept
Everything was excellent. Congratulations.
Images Case examples Theory
Assessment of images Detailing how to report image description and analysis Discussing variation in normal NFC findings
focus on clear definitions
The images/graphs with clear explanations The interactive cases This module was very on topic and usefull
the fast track algorithm the differentiation between normal non scleroderma pattern and a pattern with non specific abnormalities the exemples of different pictures an capillaries
The presentation video. All the pictures. The practicality of the module.
Pictorial examples of morphology/density etc very helpful. Example cases excellent

Module 4 - Capillaroscopic patterns in systemic sclerosis: predictive indexes, links with functional methods analysing the Microcirculation and with clinical complications

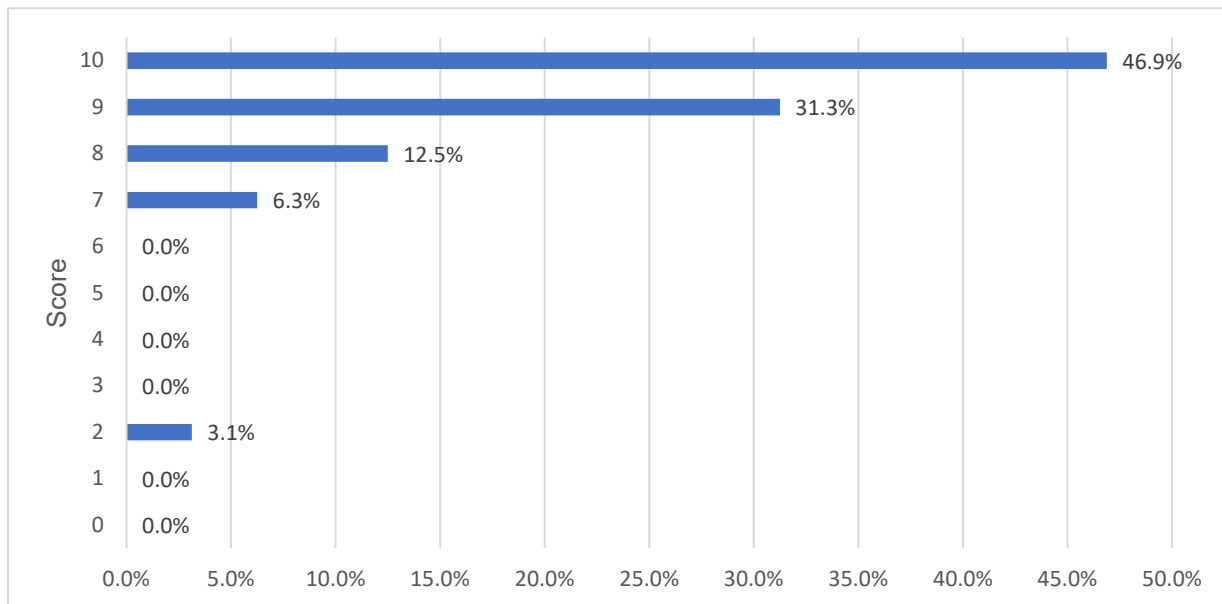
Number of survey participants: 32

Survey participants were asked to give a score between 0 to 10.

0 being very poor.

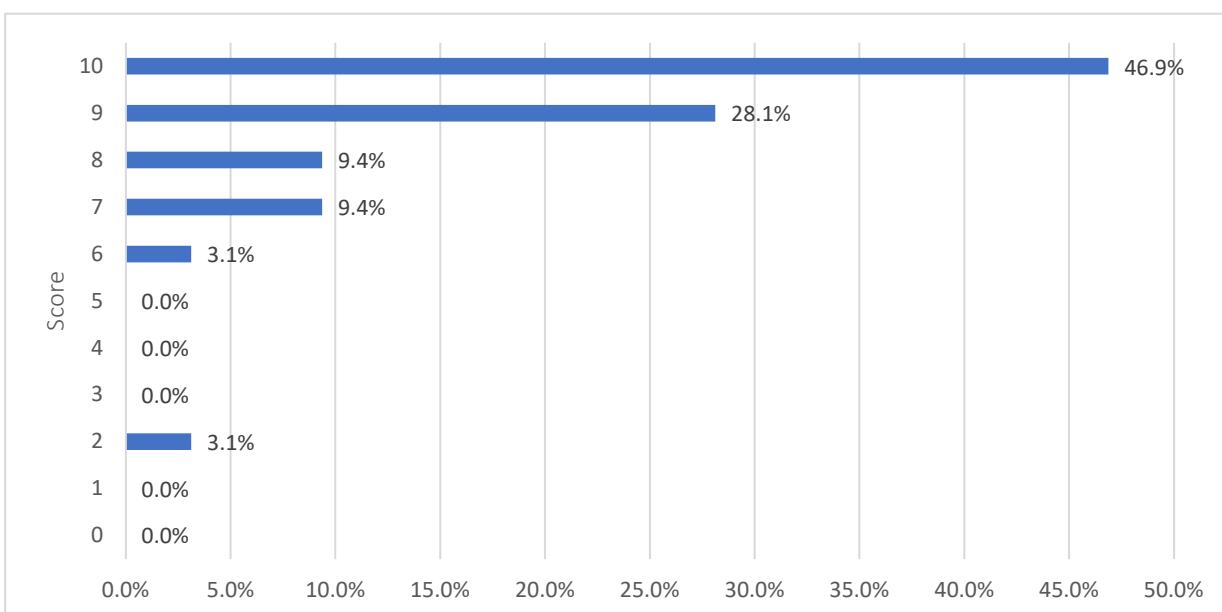
10 being excellent.

Q1: The module was very well organised



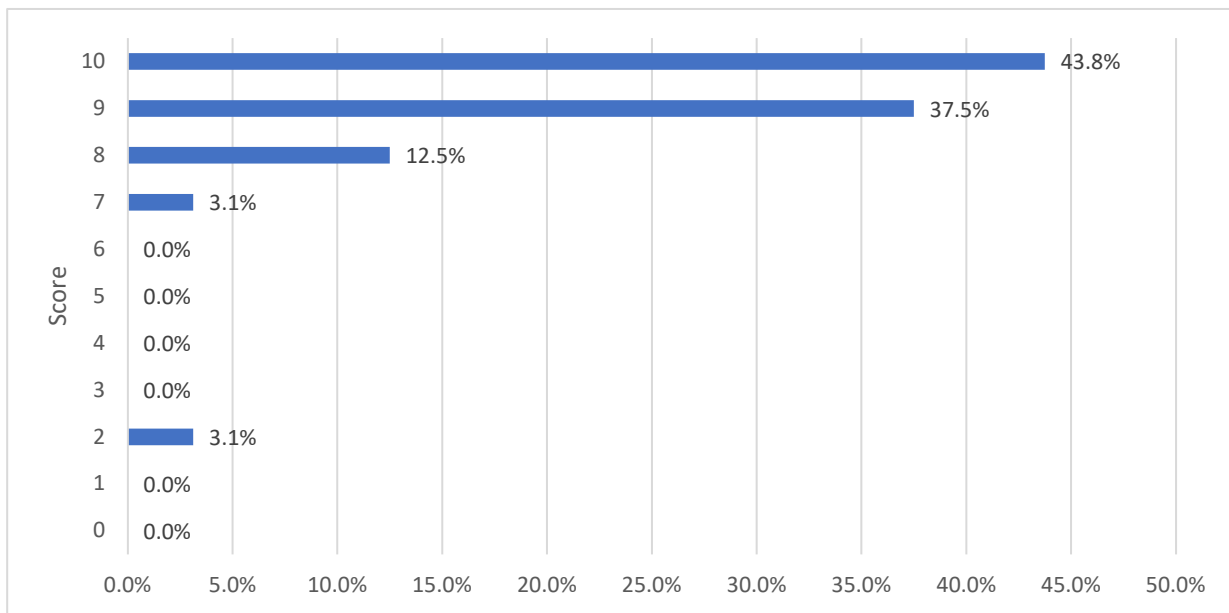
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	1	0	0	0	0	2	4	10	15

Q2: The learning objectives and actual teaching content matched well?



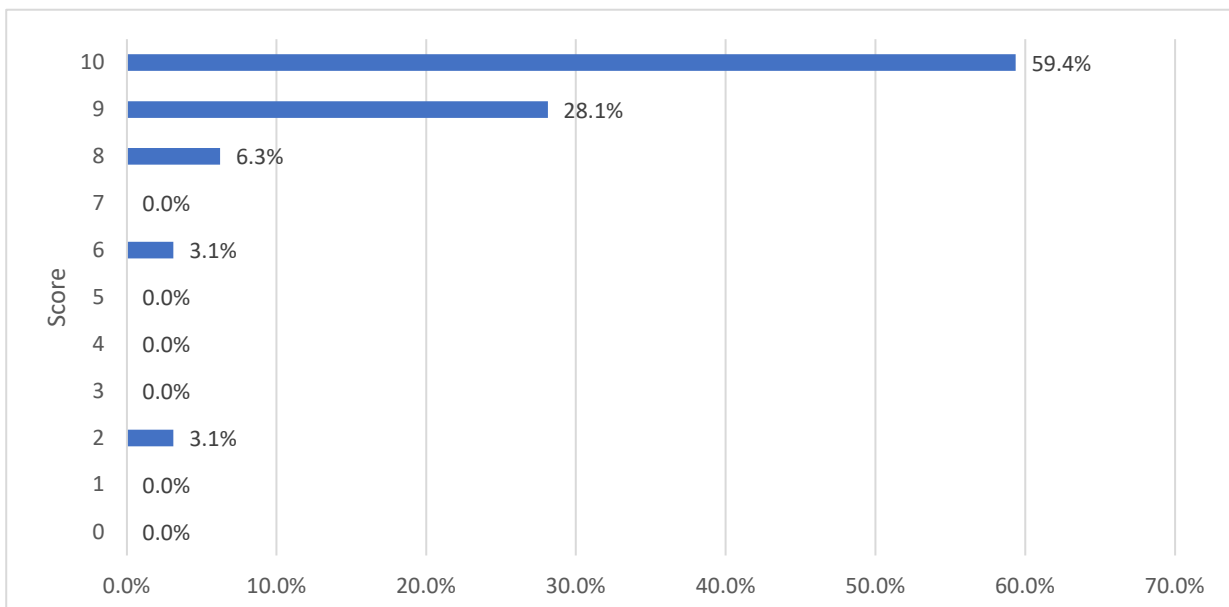
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	1	0	0	0	1	3	3	9	15

Q3: Overall the learning material was well presented and clear?



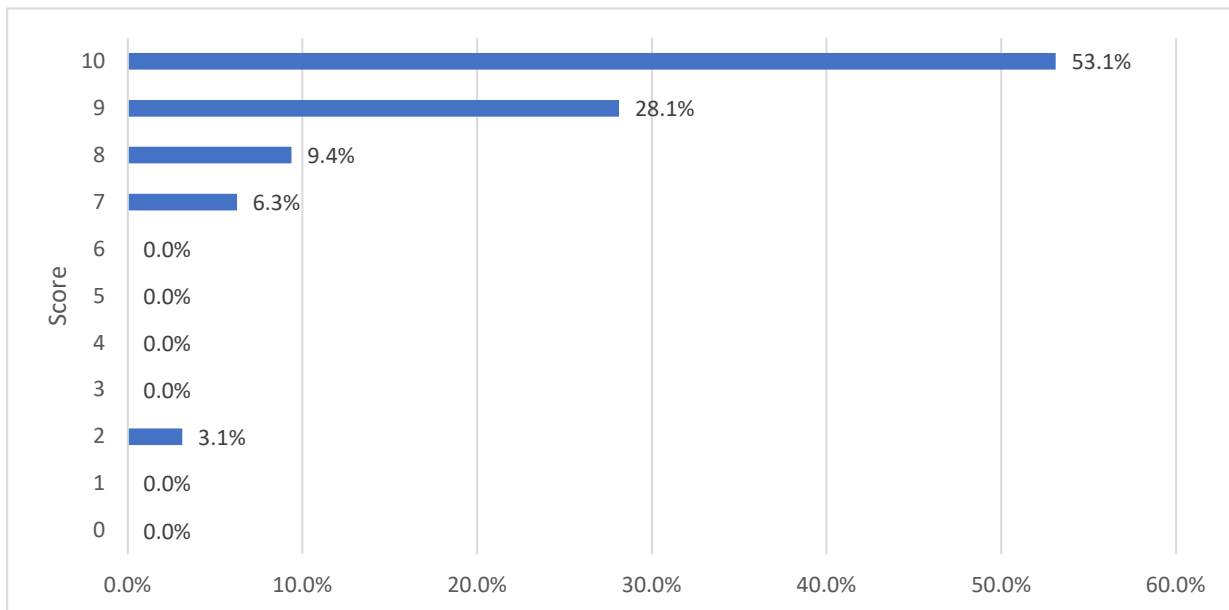
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	1	0	0	0	0	1	4	12	14

Q4: The interactive cases were very helpful to my practice?



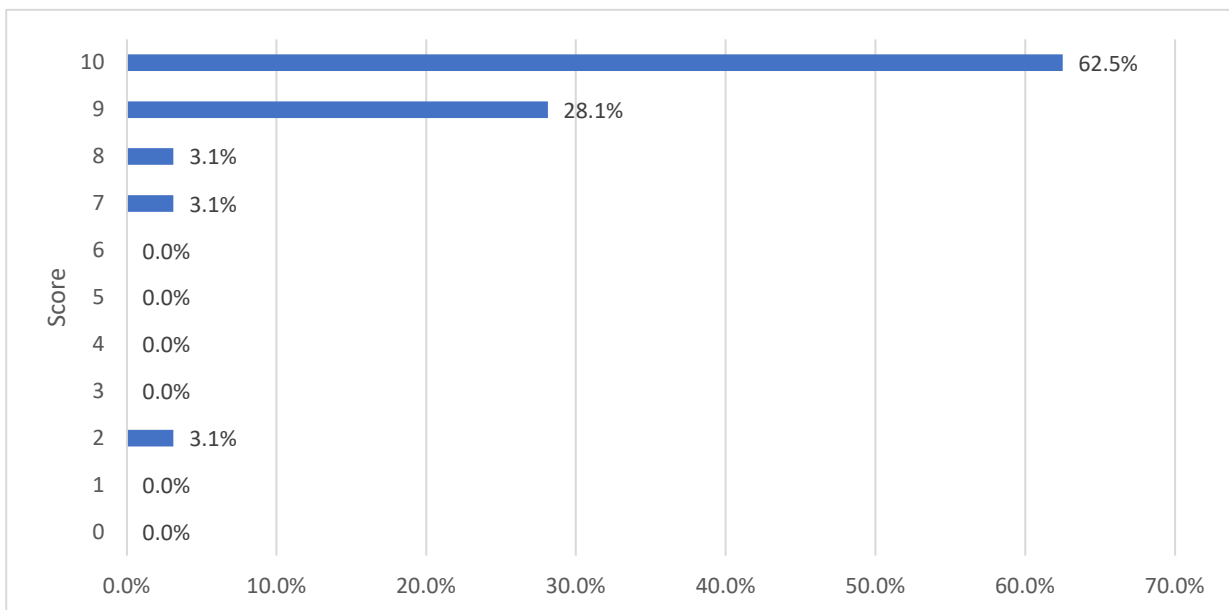
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	1	0	0	0	1	0	2	9	19

Q5: The self-assessment questions at the end of each section really helped me to master the topic?



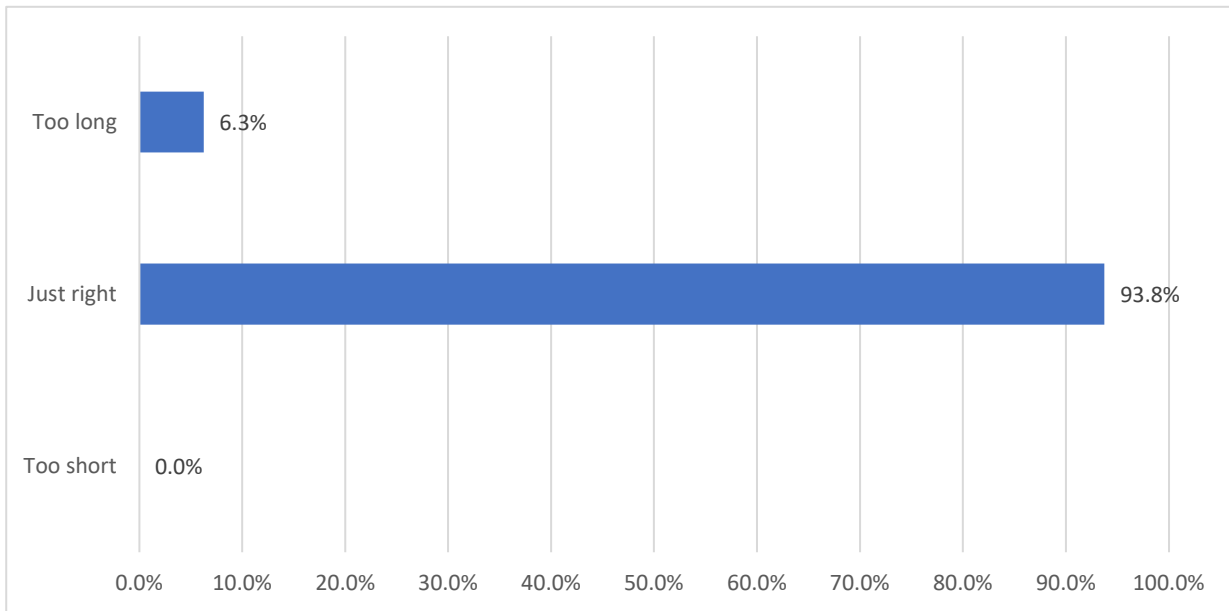
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	1	0	0	0	0	2	3	9	17

Q6: The overall quality of the images/graphs/videos/PowerPoints imbedded in the content was excellent?



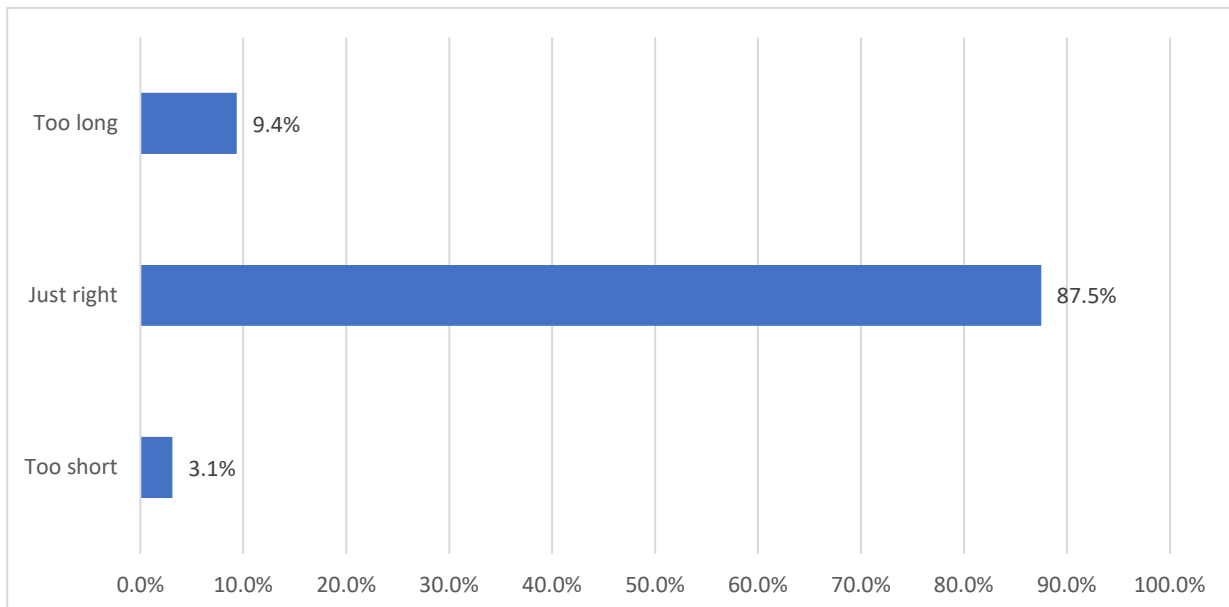
Score	0	1	2	3	4	5	6	7	8	9	10
Count	0	0	1	0	0	0	0	1	1	9	20

Q7: The amount of text for this module was:



Response	Too short	Just right	Too long
Count	0	30	2

Q8: The study time estimated for this module was:



Response	Too short	Just right	Too long
Count	1	28	3

Q9: What are the three best features of this module for you?

Was very easy to understand and well organized
New information on NVC
comprehensive, informative and clinically oriented presentation different methods of giving practical information
Emphasizing scleroderma patterns Summary of usefulness of new imaging methods Questions related to the clinic
1. images 2. clinical cases 3. explanations to the answers
Tables that summarize content; the interactive clinical cases
Pictures of cases Clinical cases
i really liked self assesment section, clinical cases were really helpfull, best chapter for me so far
clinical cases are presented very well in this module. Summary was very good and clear. Explanations to the answers to the questions were very clear and were very competently made
Interactive cases, Capillaroscopy and serum autoantibodies in Systemic Sclerosis, summary images
The basic knowledge section was very interesting and well organized. Lots of very useful tables in this section. Very useful informations for clinical practice
interactive cases images references
cases images
The best feature for me are the schematic diagrams - I can now imagine what's going on in the endothelium. I can also explain to my students and my patients why capillaries can become leaky and emphasize the importance of counting capillaries (for organ involvement and capillary loss).
Everything was ok
patterns described handfull association with complications
Practical Useful Good quality
1. informative value 2. modern data 3. text visualization
serum biomarkers
New insighs into the relation between NVC patterns and therapeutic vasodilators agents and the NVC predictive value in SSc history
overview of ssc
Summary Questions useful to practice Correlation with previous topics