



Pancyprian Union of Chemists
Division of Quality Assurance
Eurachem Cyprus Committee

Eurachem

A focus for analytical chemistry in Europe

Laboratory Accreditation

A TWO-DAY TRAINING COURSE ON THE NEW STANDARD, ISO 15189:2023

Medical laboratories – Requirements for quality and competence

16-17 March 2023

Cleopatra Hotel, Nicosia, Cyprus

Day 1 – Thursday 16 March 2023

09.00 - 09.30	<ul style="list-style-type: none">- Welcome addresses by Eurachem ETWG, Association of Clinical Laboratory Directors, Biomedical and Clinical Laboratory Scientists and PUC (Division of Quality Assurance)- Presentation of the tutors and the participants- Introduction – Scope and expectations of the training- <i>Short video</i>
09.30 - 10.15	<ul style="list-style-type: none">- The new standard; what is changing- Comparison with the 2012 version (in brief)- The structure of the standard - Terminology- The new provisions - An introduction – POCT requirements- Transition to the new standard- Laboratory activities - Scope of accreditation
10.15 - 11.00	<ul style="list-style-type: none">- General requirements- Structural and governance requirements
11.00 - 11.30	Coffee break
11.30 - 12.30	<ul style="list-style-type: none">- Resource requirements – Personnel – Facilities – Equipment
12.30 - 13.00	<ul style="list-style-type: none">- Process requirements
13.00 - 14.00	Lunch break
14.00 - 14.45	<ul style="list-style-type: none">- Metrological traceability - ISO 17511 (<i>Elvar Theodorsson</i>)*
14.45 - 15.15	<ul style="list-style-type: none">- Regulation <i>in vitro</i> diagnostics (<i>Elvar Theodorsson</i>)*
15.15 - 15.30	Coffee break
15.30 - 16.15	<ul style="list-style-type: none">- Technical requirements: Steps to be followed by laboratories (<i>Irini Leimoni</i>)
16.15 - 16.45	<ul style="list-style-type: none">- Exercise 1
16.45 - 17.15	<ul style="list-style-type: none">- Discussion on Exercise 1
17.15	End of Day 1
20.00	Dinner

Day 2 – Friday 17 March 2023

09.00 - 09.30	- Discussion on Exercise 1
09.30 - 10.00	- Control of data and information management
10.00 - 10.30	- The management system - Options A and B
10.30 - 11.00	- Risks and opportunities
11.00 - 11.30	Coffee break
11.30 - 12.00	- Measurement uncertainty (Mike Ramsey)*
12.00 - 12.30	- Uncertainty arising from sampling (Mike Ramsey)*
12.30 - 13.00	- Exercise 2
13.00 - 14.00	Lunch break
14.00 - 15.00	- Discussion on Exercise 2
15.00 - 15.30	Coffee break
15.30 - 16.00	- Management requirements: Steps to be followed by laboratories (Irini Leimoni)
16.00 - 16.30	- Genetic Epidemiology of SARS-CoV-2 Infection in Cyprus (Leontios Kostrikis)
16.30 - 17.00	Discussion - Concluding remarks - Handing over of certificates
17.00	End of the training course

Notes:

**To be presented virtually*

Kyriacos Tsimillis and Despina Charalambous will be the two tutors to present the requirements of the new Standard