



# **EFOG-EBCOG Examination**

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**CESMA Meeting**

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# **EBCOG Examination**

- The first Examination in 2016
- Preparations started in 2015
- Organisation according to the rules and regulations of CESMA
- Conducted on-line - Collaboration with ORZONE

# Structure of the EBCOG Examination

**Part 1**  
Written (KBA)

**Part 2**  
OSCE

**EBCOG  
Fellowship  
(EFOG-EBCOG)**

# Part 1 (KBA) Examination

- **Obstetrics paper** (65 questions - stems)  
3 hours
- **Gynaecology paper** (65 questions - stems)  
3 hours

# Distribution of questions/paper

Type of questions		MCQ	SBA	EMQ
Number of questions	65	$15 \times 5 = 75$	$20 \times 1 = 20$	$30 \times 3 = 90$

185  
answers



Two papers total: 130

(150

40

180)

370

IEM

# Calculation of Pass Mark (Part 1)



- Angoff Method (setting pass mark)
- A panel of 10 judges
- The first two exams - with physical presence
- The last exam - on-line

# **Part 2: Clinical part of the Examination** **(OSCE)**



- Objective Structured Clinical Examination (OSCE)
- Clinical Skills Assessment
- It measures candidates' clinical competency

# Calculation of Pass Mark (Part 2)



- The median score of candidates evaluated as “borderline” by the examiners
- 7 out of the 9 (active) stations should be passed



# Pre-Exam courses

- Part 1 (KBA) Pre-Exam course
- Part 2 (OSCE) Pre-Exam course

# EFOG-EBCOG Exam results

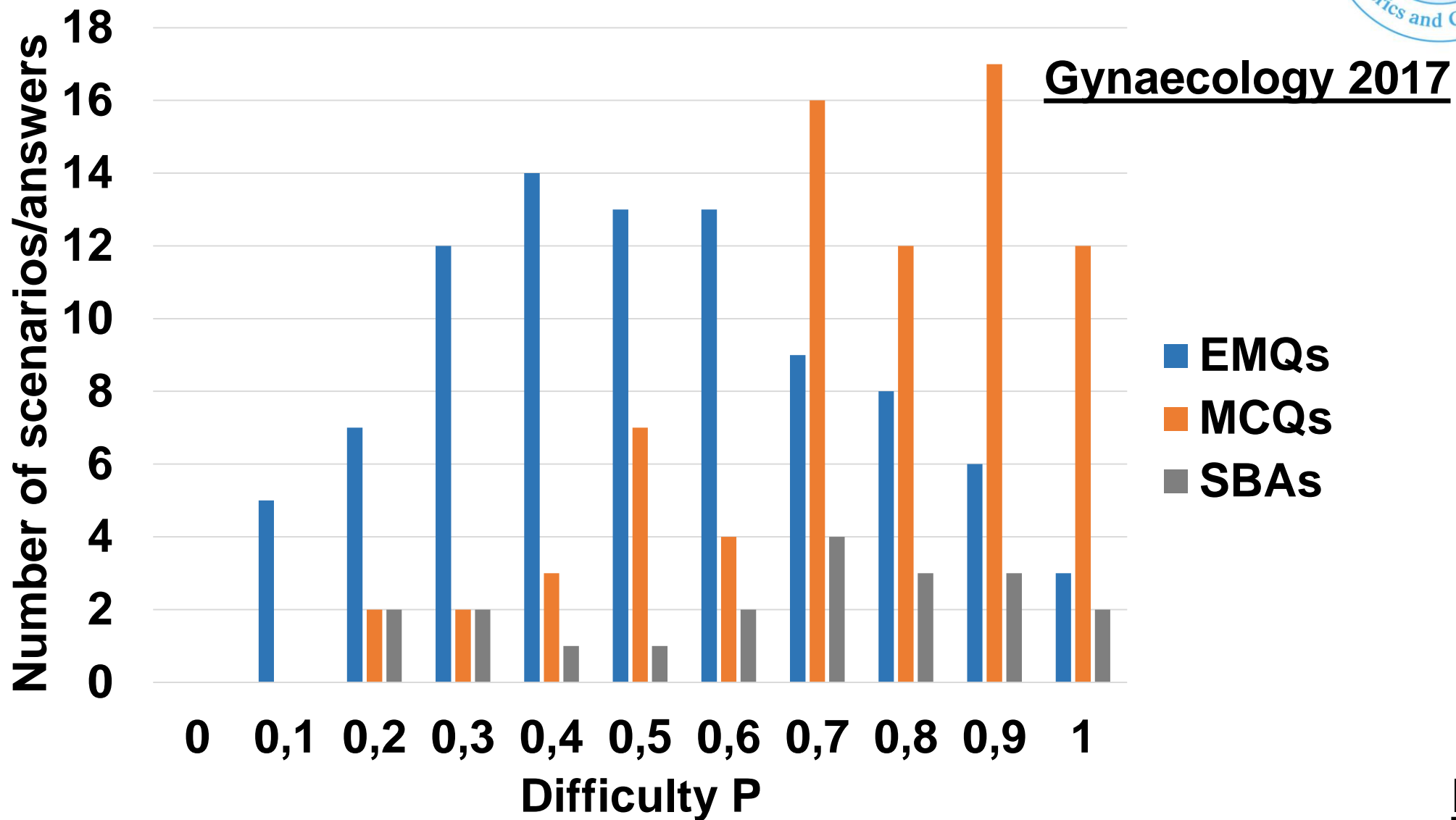
	2016	2017	2018
<b><u>PART 1</u></b> <b><i>Passing rate</i></b>	<b>86.5%</b> (Torino)	<b>39.7%</b> (Antalya/Lisbon)	(Brussels)
<b><u>PART 2</u></b> <b><i>Passing rate</i></b>	<b>72.2%</b> (Norwich)	<b>59.4%</b> (Amsterdam)	
<b>OVERALL PASSING RATE</b>	<b>50.0%</b>	<b>32.35%</b>	
<b>New Fellows (EFOG-EBCOG)</b>	<b>26/52</b>	<b>22/68</b>	

# ***Validation of the assessment (exam)***



- Difficulty of questions
- Reliability (consistency)
- Discriminative power

# Difficulty (P) index – Distribution of all scenarios/answers



# Reliability

$$\alpha = 0,848988$$

Cronbach's alpha	Internal consistency
[0.9, 1]	Excellent
<b>[0.8, 0.9]</b>	<b>Good</b>
[0.7, 0.8]	Acceptable
[0.6, 0.7]	Questionable
[0.5, 0.6]	Poor
[0, 0.5]	Unacceptable

# Discriminative power

**Discrimination = 0,384466**

<b><math>D &gt; 0,39</math></b>	<b>Excellent</b>
<b><math>0,30 &lt; D &lt; 0,39</math></b>	<b>Qualified</b>
<b><math>0,20 &lt; D &lt; 0,29</math></b>	<b>Passable</b>
<b><math>D &lt; 0,20</math></b>	<b>Discarded</b>

# **Point-Biserial correlation coefficient 2017**

- **Obstetrics:**  $r(bp) = 0,794479$
- **Gynaecology:**  $r(bp) = 0,806681$



**EBCOG**  
**EUROPEAN BOARD AND COLLEGE OF**  
**OBSTETRICS AND GYNAECOLOGY**



*This is to certify that*

***Ioannis Messinis***

*having passed both Parts 1 & 2 of the Examination of the  
European Board and College of Obstetrics and Gynaecology  
is hereby admitted as a European Fellow of  
Obstetrics and Gynaecology of EBCOG.  
The above named is accordingly entitled to use  
EFOG-EBCOG with his name.*

*President of EBCOG*

*Director of Examinations*

*Secretary General*

*Dated this 11<sup>th</sup> day of **December 2016***