**Catalogue of Procedures & Operations**

The minimal Eligibility requirement for a UEMS MIS qualification is a proved number of 1000 credit points from the categories A + B + C + D.

For each procedure/operation performed by the candidate as principle surgeon (the principle surgeon is the person who performs the majority of the essential steps of the procedure) 2 credit points are given. For each procedure/operation performed by the candidate as the first assistant of a recognised expert 1 credit point is given. This means, a total of 400 procedures/operations (categories A + B + C) is the minimum requirement, in case they are all performed by the candidate as principle surgeon.

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| **Category** | **Optimal number of procedures performed as principle surgeon** | **Credit points** |
| **A. Endoscopies** | **n=100** | **200 c.p.** |
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| **B. Basic Laparoscopic Operations** | **n=150** | **300 c.p.** |
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| **C. Advanced Laparoscopic Operations** | **n=150** | **300 c.p.** |

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| **D. C.M.E. Credits & Training Courses** |  | **200 c.p.** |

All operations in category B have to be performed by the candidate as principle surgeon (minimum 150 procedures).

In category A and C, maximum 50 % of c. p. may be obtained also through the procedures attended by the candidate as the first assistant. This means a maximum of 100 c.p. in category A (100 procedures attended as the first assistant with recognised expert as principle surgeon) and maximum of 150 c.p. in category C (150 procedures attended as the first assistant with recognised expert as principle surgeon). In such situation, minimum of 275 procedures/operations as principal surgeon (A=50 + B=150 + C= 75) and 250 procedures/operations as the first assistant (A=100 + C=150) is minimum requirement.

For pragmatic reasons provisional arrangements are provided (see below: "SOP Provisional arrangements") to enhance the qualification until complete European harmonisation of surgical training is achieved.

These provisional arrangements allow a range of different compensations to consider various national and/or individual peculiarities.

**SOP: Provisional Arrangements & Compensations**

Category A: The 50% rule

At least 50% of a total number of 200/200 credit points (c.p.) have to be achieved as principle surgeon (minimum 50 procedures).

The total number of 200/200 credit points for Category A is mandatory.

Within the Category A at least 50% for each item (20 esophagogastroduodenoscopies, 25 colonoscopies and 5 endoscopic interventions) have to be reached. Numeric deficits in one or more items have to be compensated by higher numbers in other items in order to reach the total minimum n=200/200 credit points.

Category A: Special Arrangement

If flexible endoscopy is NOT performed by the MIS Surgeon in a specific country, category A subgroups 1-3 may be omitted for the individual candidate by the UEMS MIS Eligibility Committee. In this case the minimum number (n=200 credit points) for category A has to be added to category B or C in order to reach a total of n=800 credit points (A+B+C).

Category B: The 75% Rule

All procedures in this category have to be performed as principal surgeon (minimum 150). By that the total number of 300 credit points is mandatory and achieved by 150 operations. Within the 3 subcategories 75% of the total number (75 cholecystectomies, 19 appendectomies and 19 diagnostic and/or therapeutic laparoscopies) have to be reached. The missing 25 operations then have to be added to one or more of the other 2 subcategories of Category B (e.g. 25+25=50 appendectomies or 25+15=40 appendectomies and 25+10=35 diagnostic laparoscopies).

By that numeric deficits in one or more subcategories are compensated by higher numbers in other groups in order to reach the total minimum n=300 credit points.

Category C: The 50% Rule

At least 50% of a total number of 300/300 credit points (c.p.) have to be achieved as principle surgeon (minimum: 75 procedures).

The minimum total number of 300/300 credit points is mandatory.

Out of the 10 subcategories surgeries have to be performed (as principal surgeon) in at least 2 different subcategories and with at least 10 procedures in each subcategory (e.g. 10 splenectomies and adrenalectomies + 65 colorectal procedures)

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| **Category A: Endoscopies \*** | **n=100** |
| 1. Flexible esophagogastroduodenoscopy | n=40 |
| 1. Flexible colonoscopy | n=50 |
| 1. Endoscopic interventions (snare polypectomy, bleeding control, clip application, intraluminal stent, dilatation, ERCP, endoscopic sphincterotomy, endoscopic CBD stone extraction) | n=10 |

\* 50 % rule & special arrangements apply

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| **Category B: Basic Laparoscopic Operations \*** | **n=150** |
| 1. Appendectomy | n=25 |
| 1. Cholecystectomy | n=100 |
| 1. Diagnostic and/or therapeutic laparoscopy (e.g. intraoperative cholangiography or sonography, biopsy taking, adhaesiolysis, ostomy formation) | n=25 |

\* 75 % rule applies

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| **Category C: Advanced Laparoscopic Operations** | **n=150** |
| 1. Abdominal wall hernia repair (e.g. inguinal, incisional, umbilical) |  |
| 1. Hiatal hernia repair, antireflux procedures, Heller cardiomyotomy |  |
| 1. Bariatric procedures |  |
| 1. Gastric/duodenal/small bowel resection, anastomosis, Meckel diverticulectomy, gastric/duodenal perforation repair |  |
| 1. HBP (e.g. Hepatic, pancreatic resection, CBD revision) |  |
| 1. Splenectomy, adrenalectomy |  |
| 1. Colon & rectum (e.g. colonic & rectal resection, rectopexy) |  |
| 1. Transanal (TAMIS, TEM) |  |
| 1. Transoral (POEM, Zenker Diverticulectomy) |  |
| 1. Thoracic (VATS) procedures |  |

\* 50 % rule applies + minimum 2 categories with minimum 10 procedures

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| **Category D: CME Credits and Training Courses** | **200 c.p.** |
| 1. C.M.E. credits | 50 c.p. |
| 1. Credits for Hands-on Training Courses | 150 c.p. |

Category D:

Eligibility: CME Credits

The candidate must have a total of at least **50 credit points** based on the following criteria:

* Participation at national congress (4 points)
* Poster presentation at national congress (first author) (6 points)
* Oral presentation at national congress (presenting author) (8 points)
* Participation at a recognized \*international congress (8 points)
* Poster presentation at a recognized\* international congress (first author) (12 points)
* Oral presentation at a recognized\* international congress (presenting author) (16 points)
* Participation at a recognized\* theoretical Postgraduate Course (12 points)
* Publication (first/corresponding author) in peer reviewed national surgical journal (12 points)
* Publication (first/corresponding author) in peer reviewed international surgical journal (24 points)

\*recognized by UEMS MIS Board (e.g. EAES congress, SAGES meeting, WCES, etc – see: www.uemssurg.org/divisions/working-groups/minimal-invasive-surgery)

NB! Credit points can only be awarded for congresses, presentations, courses and publications within the field of minimally invasive surgery

Eligibility: Credits for Hands-on Training Courses

The candidate must have a total of at least **150 credit points** showing participation at:

* 1x Basic laparoscopy course (e.g. LSS course Grade I Level I, EAES or UEMS MIS Board endorsed courses, courses endorsed by national societies) (30 points)

And/or

* Advanced (procedure/organ/pathology specific) courses (e.g. EAES or UEMS MIS Board endorsed courses, LSS higher grade and/or level course) (60 points each);

And/or

* Fellowship program/clinical stay (10 points/week) at recognized MIS center (e.g. EAES Fellowships & Clinical Visits)

February 2018