A. PERSONAL PROFILE

1. Demographics (please fill in the blank spots; you may choose more than one option)

a. Age   _____ years
b. Country   _____
c. Background   [ ] Gastroenterologist   [ ] Surgeon   [ ] Other: _____
d. Working place   [ ] Academic Center   [ ] Tertiary Hospital [ ] Regional Hospital
e. Current situation [ ] Trainee   [ ] Fully trained

2. Exposure to endoscopic interventions and learning methods in endoscopy

a. Endoscopic experience

I. For how many years do you perform endoscopy: _____ years

II. How many endoscopic procedures have you performed

Choose one option for cases over the last year an one option for total number of cases

Colonoscopy					
Cases per year: [ ] 0	[ ] 1-100	[ ] 101-200	[ ] >200		
Total cases: [ ] 0	[ ] 1-100	[ ] 101-200	[ ] 201-400	[ ] 401-600	[ ] >600

Upper Endoscopy					
Cases per year: [ ] 0	[ ] 1-100	[ ] 101-200	[ ] >200		
Total cases: [ ] 0	[ ] 1-100	[ ] 101-200	[ ] 201-400	[ ] 401-600	[ ] >600

Endoscopic Retrograde Colangiopancreatography (ERCP)					
Cases per year: [ ] 0	[ ] 1-100	[ ] 101-200	[ ] >200		
Total cases: [ ] 0	[ ] 1-100	[ ] 101-200	[ ] 201-400	[ ] 401-600	[ ] >600

Endoscopic Ultrasonography (EUS)					
Cases per year: [ ] 0	[ ] 1-100	[ ] 101-200	[ ] >200		
Total cases: [ ] 0	[ ] 1-100	[ ] 101-200	[ ] 201-400	[ ] 401-600	[ ] >600

Endoscopic Mucosal Resection (EMR)					

- Esophagus					
Cases per year: [ ] 0	[ ] 1-20	[ ] 21-50	[ ] >50		
Total cases: [ ] 0	[ ] 1-20	[ ] 21-50	[ ] 51-100	[ ] 101-200	[ ] >200

- Stomach					
Cases per year: [ ] 0	[ ] 1-20	[ ] 21-50	[ ] >50		
Total cases: [ ] 0	[ ] 1-20	[ ] 21-50	[ ] 51-100	[ ] 101-200	[ ] >200

- Colon					
Cases per year: [ ] 0	[ ] 1-20	[ ] 21-50	[ ] >50		
Total cases: [ ] 0	[ ] 1-20	[ ] 21-50	[ ] 51-100	[ ] 101-200	[ ] >200

- Have you ever used one of these techniques

Inject and snare	[ ] Yes	[ ] No
Band and snare	[ ] Yes	[ ] No
Cap and snare	[ ] Yes	[ ] No

Endoscopic Submucosal Dissection (ESD)

Cases per year:	[ ] 0	[ ] 1-20	[ ] 21-50	[ ] >50		
Total cases:	[ ] 0	[ ] 1-20	[ ] 21-50	[ ] 51-100	[ ] 101-200	[ ] >200

b. Simulator familiarity

I. Have you ever attended any of the following courses?

Courses with computerized /virtual – reality simulators
(Simbionix GI-Bronch Mentor / CAE Healthcare AccuTouch / Olympus Endo TS-1 / GI mentor)
    [ ] Yes   [ ] No
    How many   _____

Courses with composite and explanted animal organs simulators-ex vivo animal model
(Erlanger Endo-Trainer (EASIE)/ Erlanger compactEASIE / Endo X trainer)
    [ ] Yes   [ ] No
    How many   _____

Courses using live animals models
    [ ] Yes   [ ] No
    How many   _____

B. ADEQUACY AND REALISM OF THE ANIMAL MODEL IN "SIMULATING" THE VARIOUS ASPECTS OF THE PROCEDURES

1. Realism compared to human

a. Rate the following items regarding the live animal simulated procedures <u>compared with the human practice</u>

I. Please circle the number that best describes your opinion.

For questions that may not apply choose the option "N/A" (not applicable).

From 1=very unrealistic to 10=very realistic

Overall appearance	1	2	3	4	5	6	7	8	9	10	NA
Overall difficulty	1	2	3	4	5	6	7	8	9	10	NA
Anatomy	1	2	3	4	5	6	7	8	9	10	NA
Size of organ	1	2	3	4	5	6	7	8	9	10	NA
Wall structure of organ	1	2	3	4	5	6	7	8	9	10	NA
Mucosal thickness	1	2	3	4	5	6	7	8	9	10	NA
Tissue pliability/elasticity	1	2	3	4	5	6	7	8	9	10	NA
Tactile feedback	1	2	3	4	5	6	7	8	9	10	NA
Overall EMR experience using multiband mucosectomy techinque	1	2	3	4	5	6	7	8	9	10	NA
Esophageal EMR using multiband mucosectomy techinque											
Ability to inspect the esophagus	1	2	3	4	5	6	7	8	9	10	NA
Ability to mark the outer margins of pseudolesion	1	2	3	4	5	6	7	8	9	10	NA
Ability to apply band ligation	1	2	3	4	5	6	7	8	9	10	NA
Abiliy to cut the created pseudopolyp	1	2	3	4	5	6	7	8	9	10	NA
Abiliy to inspect the ulcer	1	2	3	4	5	6	7	8	9	10	NA
Overall ESD experience	1	2	3	4	5	6	7	8	9	10	NA
Overall esophageal ESD experience	1	2	3	4	5	6	7	8	9	10	NA
Esophageal ESD											
Ability to inspect the esophagus	1	2	3	4	5	6	7	8	9	10	NA
Ability to mark the outer margins of pseudo lesion	1	2	3	4	5	6	7	8	9	10	NA
Ability to inject and perform circumferential incision	1	2	3	4	5	6	7	8	9	10	NA
Ability to inject to lift the pseudolesion	1	2	3	4	5	6	7	8	9	10	NA
Abiliy to perform submucosal dissection	1	2	3	4	5	6	7	8	9	10	NA
Abiliy to inspect the ulcer	1	2	3	4	5	6	7	8	9	10	NA
Overall gastric ESD experience	1	2	3	4	5	6	7	8	9	10	NA
Gastric ESD											
Ability to inspect the stomach	1	2	3	4	5	6	7	8	9	10	NA
Ability to mark the outer margins of pseudo lesion	1	2	3	4	5	6	7	8	9	10	NA
Ability to inject and perform circumferential incision	1	2	3	4	5	6	7	8	9	10	NA
Ability to inject to lift the pseudolesion	1	2	3	4	5	6	7	8	9	10	NA
Abiliy to perform submucosal dissection	1	2	3	4	5	6	7	8	9	10	NA
Abiliy to inspect the ulcer	1	2	3	4	5	6	7	8	9	10	NA

Complications *(answer only in case of complication occurrence during the workshop)*

	1	2	3	4	5	6	7	8	9	10	NA
Overall complication detection	1	2	3	4	5	6	7	8	9	10	NA
Complication detection											
Ability to detect bleedings	1	2	3	4	5	6	7	8	9	10	NA
In the esophagus	1	2	3	4	5	6	7	8	9	10	NA
In the stomach	1	2	3	4	5	6	7	8	9	10	NA
Ability to detect perforations	1	2	3	4	5	6	7	8	9	10	NA
In the esophagus	1	2	3	4	5	6	7	8	9	10	NA
In the stomach	1	2	3	4	5	6	7	8	9	10	NA
Overall complication management	1	2	3	4	5	6	7	8	9	10	NA
Complication management											
Ability to deal with bleedings	1	2	3	4	5	6	7	8	9	10	NA
In the esophagus	1	2	3	4	5	6	7	8	9	10	NA
In the stomach	1	2	3	4	5	6	7	8	9	10	NA
Ability to deal with perforations	1	2	3	4	5	6	7	8	9	10	NA
In the esophagus	1	2	3	4	5	6	7	8	9	10	NA
In the stomach	1	2	3	4	5	6	7	8	9	10	NA

C. APPRECIATION OF THE ANIMAL MODEL AS A LEARNING TOOL

1. Usefulness as an instructional tool

I. Please circle the number that best describes your opinion.

For questions that may not apply choose the option "N/A" (not applicable).

From 1=totally don't understand to 10=totally understand

After performing live animal simulated procedures, I am capable of understanding <u>how they are performed</u> and understanding the <u>coordination of tasks</u>, namely:

Esophageal EMR using multiband mucosectomy technique	1 2 3 4 5 6 7 8 9 10	NA
Esophageal ESD	1 2 3 4 5 6 7 8 9 10	NA
Gastric ESD	1 2 3 4 5 6 7 8 9 10	NA
Complication detection and management	1 2 3 4 5 6 7 8 9 10	NA

From 1=very difficult to 10=very easy

After performing live animal simulated procedures, how would you grade their <u>execution</u>, namely:

Esophageal EMR using multiband mucosectomy techinque	1 2 3 4 5 6 7 8 9 10	NA
Esophageal ESD	1 2 3 4 5 6 7 8 9 10	NA
Gastric ESD	1 2 3 4 5 6 7 8 9 10	NA
Complication detection and management	1 2 3 4 5 6 7 8 9 10	NA

From 1=very useless to 10=very useful

For beginners, how would you grade the usefulness of live animal simulated procedures, in <u>supplementing clinical</u>:

Esophageal EMR using multiband mucosectomy technique	1 2 3 4 5 6 7 8 9 10	NA
Esophageal ESD	1 2 3 4 5 6 7 8 9 10	NA
Gastric ESD	1 2 3 4 5 6 7 8 9 10	NA
Complication detection and management	1 2 3 4 5 6 7 8 9 10	NA

2. Application in training programs

I. Please circle the number that best describes your opinion.

For questions that may not apply choose the option "N/A" (not applicable).

From 1=very negatively to 10=very positively

For endoscopists, how do you think live animal simulated procedures, prepare them to <u>perform live cases</u> namely:

Esophageal EMR using multiband mucosectomy technique	1 2 3 4 5 6 7 8 9 10	NA
Esophageal ESD	1 2 3 4 5 6 7 8 9 10	NA
Gastric ESD	1 2 3 4 5 6 7 8 9 10	NA
Complication detection and management	1 2 3 4 5 6 7 8 9 10	NA

From 1=strongly disagree to 10=strongly agree

Should a course like this be a <u>prerequisite</u> in order to be allowed to practice these procedures, namely:

Esophageal EMR using multiband mucosectomy technique	1 2 3 4 5 6 7 8 9 10	NA
Esophageal ESD	1 2 3 4 5 6 7 8 9 10	NA
Gastric ESD	1 2 3 4 5 6 7 8 9 10	NA
Complication detection and management	1 2 3 4 5 6 7 8 9 10	NA

From 1=totally non confident 10=totally confident

How confident would you be in <u>recommending</u> live animal simulated procedures to <u>colleagues</u> who are performing or learning to perform them?　　1 2 3 4 5 6 7 8 9 10　　NA

From 1=absolutely no 10= absolutely yes

Would you be willing to undergo <u>further live animal simulator training</u>?　　1 2 3 4 5 6 7 8 9 10　　NA

From 1=very unlikely to 10=very likely

What would be the possibility of <u>organizing such a course</u> in your home country?　　1 2 3 4 5 6 7 8 9 10　　NA

From 1=strongly disagree to 10=strongly agree

Do you think this course represented an <u>useful experience</u> in your clinical practice?　　1 2 3 4 5 6 7 8 9 10　　NA

Thank you very much for your collaboration.