



## Committee - Report for Council

### Endoscopy-SIG

(date of completion 18/08/2022; M Thomson)

#### A. Special Interest Groups

(one table per working group – please just copy and paste the tables as often as needed)

<b>Full name of Special Interest Group:</b>	Endoscopy		
<b>Chair / Coordinator</b> (full name & email)	Mike Thomson		
<b>Members:</b> (Full names and email addresses)	Secretary: Matjaz Homan		
	Treasurer: Bruno Hauser		
	Treasurer: Claudio Romano		
	ELZ Coordinator: Raoul Furlano		
	Deputy ELZ Coordinator: Dominique Schluckebier		
	National Society Liaison Officer: Patrick Bontems		
	Guideline Coordinator: Claudio Romano		
	ESGE Liaison Officer: Salvatore Oliva		
	Training and Educational Leads: Priya Narula and Iva Hojsak		
	Meeting Coordinator: Christos Tzvinikos		
	Research Coordinator: Oren Ledder		
	Hands On Course Coordinator: Jorge Amil-Dias	<b>ESPGHAN Annual Congress</b> c/b Eurokongress GmbH	[t] +49 (0)89 2109 860 [f] +49 (0)89 2109 8698 [e] espghan@eurokongress.de
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	Trainee Representatives: Andreia Nita and Ilektra Athena	
	Surgical Representative: Luigi 'all'Oglio	
	Associate Members: Alexandra Papodopoulou; Simona Faraci	
<b>Summary of work being completed by SIG within this year:</b>	<p>Terms of Reference updated and submitted to GIC – 11/089/2022.</p> <p>All Members of the Endoscopy SIG have now been appointed and notified with a three year second tenure from Jan 2022.</p> <p>SIG Meeting in Rome in April 2022 was very productive. Minutes available.</p> <p>Sixth Endoscopy Summer School in June 2022 was a brilliant success in Sheffield. 39 countries represented. Live cases from Rome, Boston and Sheffield.</p> <p>ESPGHAN/NASPGHAN Endoscopy Quality Indicator Guideline is finalised and 5 papers published March 2022 as JPGN Supplement.</p> <p>Established Endoscopy representative on GIC ESPGHAN for the first time in 2020 and ongoing.</p> <p>ESGE-ESPGHAN Endoscopy Guideline being rewritten 5 years after the last one in 2022-23.</p> <p>Hands-On ELZ in Copenhagen was in 6<sup>th</sup> year and another masterpiece of organisation. First demonstration of trans-nasal endoscopy (Prof Freidlander from NASPGHAN attended to teach). Company engagement was strong again. Possible EUS next year.</p> <p>Agreed Joint ESPGHAN-NASPGHAN Guidelines on 'Small bowel endoscopy' – was due to meet face to face at NASPGHAN this year. Timeline to publication end 2023.</p> <p>Five year plan drawn up for ESPGHAN Endoscopy Meetings outside Annual Meeting: 2021 Rome; 2022 Sheffield (Tri-annual Endoscopy Summer School); 2023 Rome; 2024 Athens; 2025 Paris; 2026 Sheffield.</p> <p>Engagement with major endoscopy companies to invite them to become partners with ESPGHAN along the lines of the EPP - €20,000 from Olympus and Fuji each pledged in 2022 – specifically for Trainee Fellowship funding.</p> <p>Sponsored ESPGHAN Endoscopy Training Fellowships – also now supported by industry. Five annually. Now advertised on ESPGHAN Webpage – deadline 31/10/2022.</p>	



ESGE have expressed an interest in becoming more engaged with ESPGHAN at Annual Meeting and this is strongly supported by our new President Ullie Baumann.

Network of Endoscopy Training Centres now set up with ESPGHAN recognition.

Endoscopy central training centre in Geneva not likely to happen – consideration of Athens for small thematic weekend type Courses in 2023 – polyps and PEGs are two meetings proposed. (AP)

Endoscopy Simulator purchase - Sheffield have purchased their own portable device. Can be made available for ELZ etc.

Uplift in Endoscopy representation at Annual Meeting from 2023 onwards.

ELZ will happen at the Annual Meeting in Vienna, 2023 – 6<sup>th</sup> year.

Live endoscopy cases agreed to occur in Vienna in 2023.

Video Cases were very successful at this year's Annual Meeting in Copenhagen within the Endoscopy Symposium.

Liaison with National Societies in order to explore the possibility of ESPGHAN being the international accreditation body for paediatric endoscopy training.

Liaison with BSG in order to evaluate if they can roll out the JETS Endoscopy portfolio electronic record across Europe for paediatric endoscopy training - Grant may be needed.

Roll out of 'Train the Trainers' Courses to 3 or 4 centres in Europe – to rotate.

Development of an 'ESPGHAN Standard' for certificate of completion of endoscopy training. Liaison with the ESPGHAN Education and Training WG.

Roll out of the Paediatric GRS across Europe – published in JPGN August 2019.

2020-2022 papers published:

Diagnosis, Management, and Prevention of Button Battery Ingestion in Childhood: A European Society for Paediatric Gastroenterology Hepatology and Nutrition Position Paper. Mubarak A, Benninga MA, Broekaert I, Dolinsek J, Homan M, Mas E, Miele E, Pienar C, Thapar N, Thomson M, Tzivinikos C, de Ridder L. *J Pediatr Gastroenterol Nutr.* 2021 Jul 1;73(1):129-136.

Percutaneous Endoscopic Gastrostomy in Children: An Update to the ESPGHAN Position Paper. Homan M, Hauser B, Romano C, Tzivinikos C, Torroni F, Gottrand F, Hojsak I, Dall'Oglio L, Thomson M, Bontems P, Narula P, Furlano R, Oliva S, Amil-Dias J. *J Pediatr Gastroenterol Nutr.* 2021 Sep 1;73(3):415-426.

International Consensus on Quality Standards and Indicators for Pediatric Endoscopy: A Report from the Pediatric Endoscopy Quality Improvement Network (PEnQuIN). Walsh CM, Lightdale JR, Mack DR, Amil-Dias J, Bontems P, Brill H, Croft NM, Fishman DS, Furlano R, Gillett P, Hojsak I, Homan M, Huynh HQ, Jacobson K, Leibowitz IH, Lerner DG, Liu QY, Mamula P, Narula P, Oliva S,



Riley MR, Rosh JR, Tavares M, Utterson EC, Ambartsumyan L, Otley AR, Kramer RE, Connan V, McCreath GA, Thomson M. JPGN. 2022 (March).

Pediatric Endoscopy Quality Improvement Network (PEnQuIN) Quality Standards and Indicators for Pediatric Endoscopy Facilities. Walsh CM, Lightdale JR, Mack DR, Amil-Dias J, Bontems P, Brill H, Croft NM, Fishman DS, Furlano R, Gillett P, Hojsak I, Homan M, Huynh HQ, Jacobson K, Leibowitz IH, Lerner DG, Liu QY, Mamula P, Narula P, Oliva S, Riley MR, Rosh JR, Tavares M, Utterson EC, Ambartsumyan L, Otley AR, Kramer RE, Connan V, McCreath GA, Thomson M. JPGN. 2022 (March).

Pediatric Endoscopy Quality Improvement Network (PEnQuIN) Quality Standards and Indicators for Pediatric Endoscopic Procedures. Walsh CM, Lightdale JR, Mack DR, Amil-Dias J, Bontems P, Brill H, Croft NM, Fishman DS, Furlano R, Gillett P, Hojsak I, Homan M, Huynh HQ, Jacobson K, Leibowitz IH, Lerner DG, Liu QY, Mamula P, Narula P, Oliva S, Riley MR, Rosh JR, Tavares M, Utterson EC, Ambartsumyan L, Otley AR, Kramer RE, Connan V, McCreath GA, Thomson M. JPGN. 2022 (March).

Pediatric Endoscopy Quality Improvement Network (PEnQuIN) Quality Standards and Indicators for Pediatric Endoscopists and Pediatric Endoscopists in Training. Walsh CM, Lightdale JR, Mack DR, Amil-Dias J, Bontems P, Brill H, Croft NM, Fishman DS, Furlano R, Gillett P, Hojsak I, Homan M, Huynh HQ, Jacobson K, Leibowitz IH, Lerner DG, Liu QY, Mamula P, Narula P, Oliva S, Riley MR, Rosh JR, Tavares M, Utterson EC, Ambartsumyan L, Otley AR, Kramer RE, Connan V, McCreath GA, Thomson M. JPGN. 2022 (March).

Pediatric Endoscopy Quality Improvement Network (PEnQuIN) Pediatric Endoscopy Reporting Elements. Walsh CM, Lightdale JR, Mack DR, Amil-Dias J, Bontems P, Brill H, Croft NM, Fishman DS, Furlano R, Gillett P, Hojsak I, Homan M, Huynh HQ, Jacobson K, Leibowitz IH, Lerner DG, Liu QY, Mamula P, Narula P, Oliva S, Riley MR, Rosh JR, Tavares M, Utterson EC, Ambartsumyan L, Otley AR, Kramer RE, Connan V, McCreath GA, Thomson M. JPGN. 2022 (March).

Multi-centre multi-national research in paediatric endoscopy being pursued. The following multi-centre projects are ongoing:

PEG Co2 study (MH);

Iatrogenic perforation study. (OL)

Proposed:

Use of powerful magnets in endoscopy. (RF)

Biopsy study across different diseases. (RF)

Guidelines currently in progress:

EoE in collaboration with EGID WG. (J A-D)

GI bleeding (Joint with NASPGHAN) (MT, IH) should include interventional radiologist (Massimo Rolo proposed by LD, Felipe Gomes proposed by JA-D), Small bowel endoscopy (Joint with NASPGHAN) (SO, MT)

Caustic ingestion and endoscopy (Joint with NASPGHAN) (SO, MT)

Stricture management. (SO, MT, PB, MH)



Paediatric Endoscopy Guidelines Update. (Joint with ESGE) (CR, MT). CT proposed UEG Grant application but issues between ESGE and UEG may preclude this.

Magnet ingestion and endoscopic management. (Joint with GIC) (CT)

Endo-robotics. (MT)

GVHD (LD)

Botox in endoscopy (MT)

Mobile application in Italy (Endo-Ped App) already in use regarding endoscopy quality indicators. SO is starting collaboration with NASPGHAN to prepare something similar in English language.

#### Training the trainees

- Survey on training variability
- ESPGHAN Guideline on Endoscopy Training
- Hands-On Courses for diagnostic and now therapeutic
- e-learning modules available but limited
- ELZ annually
- Europe-wide Endoscopy Training Centre Survey
- No Europe-wide formal skill assessment tool
- Overall standards of training: skill level stratification
- Skill of trainers
- Assessment tools
- Core aims and milestones in training with an ESPGHAN doc
- Record by trainees of all procedures and esp those when assessed
- e-learning
- ESPGHAN advise early-in-career attendance at Hands-On Courses

e-learning tools to be revisited 2022/23. (SF)

Bi-monthly ESPGHAN SIG Newsletter will be made available going forward (MH, MT) - ? via ESPGHAN Office.

Further applications to join the SIG are to be considered with a maximum group size of 35 agreed.

