

Principal Investigator:

Mauro Podda

Department of Surgical Science, University of Cagliari, Cagliari, Italy.

mauropodda@ymail.com

Steering Committee

Mauro Podda, MD. FACS. Department of Surgical Science, University of Cagliari, Cagliari, Italy.

Chiara Gerardi, Ph.D. Istituto di Ricerche Farmacologiche "Mario Negri" IRCCS, Milan, Italy.

Federico Coccolini, MD. General, Emergency and Trauma Surgery, Pisa University Hospital, Pisa, Italy.

Salomone di Saverio, MD. Ph.D. Department of Surgery, University Hospital of Varese, Varese, Italy.

Gianluca Pellino, MD. Ph.D. Università degli Studi della Campania 'Luigi Vanvitelli', Naples, Italy and Colorectal Unit, University Hospital Vall d'Hebron, Barcelona, Spain.

Francesco Pata, MD. General Surgery Unit, Nicola Giannettasio Hospital, Corigliano-Rossano, Italy.

Benedetto Ielpo, MD. Ph.D. HPB Surgery Unit, Hospital del Mar, Barcelona, Spain.

Francesco Viridis, MD. Trauma and Acute Care Surgery Unit, Niguarda Ca Granda Hospital, Milan, Italy.

Dimitris Damaskos, MD. Department of Upper GI Surgery, Royal Infirmary of Edinburgh, Edinburgh, Scotland, UK.

Stavros Gourgiotis, MD. Ph.D. Department of Surgery, Addenbrooke's Hospital, Cambridge University, UK.

Gaetano Poillucci, MD. Department of General and Specialized Surgery "Paride Stefanini", Policlinico Universitario Umberto I, La Sapienza University, Rome, Italy.

Daniela Pacella. University of Naples Federico II, Department of Public Health, Naples, Italy.

Kumar Jayant, MD. Department of Surgery, Transplant Division, University of Chicago, Chicago, IL, USA.

Ferdinando Agresta, MD. Department of Surgery, Vittorio Veneto Civil Hospital, Vittorio Veneto, Italy.

Massimo Sartelli, MD. Department of Surgery, Macerata Hospital, Italy.

Ari Leppaniemi, MD. Ph.D. Department of Abdominal Surgery, Abdominal Center, University of Helsinki and Helsinki University Central Hospital, Helsinki, Finland.

Cristiana Riboni, MD. Department of Surgery, EOC Regional Hospital, Lugano, Switzerland.

Fausto Catena, MD. Ph.D. Emergency and Trauma Surgery Department, Maggiore Hospital of Parma, Parma, Italy.

Yoram Kluger, MD. Ph.D. Division of General Surgery, Rambam Health Care Campus, Haifa, Israel.

Adolfo Pisanu, MD. Ph.D. Department of Emergency Surgery, Cagliari University Hospital “D. Casula”, AOU Cagliari, Italy.

MANCTRA-1 Coordinating Group

Cristiana Riboni (Switzerland); Alessio Giordano, Gaetano Poillucci, Luca Ferrario, Francesco Pata, Gianluca Pellino (Italy); Mikel Prieto Calvo, Benedetto Ielpo (Spain); Michael Wilson, Dimitris Damaskos, Fiammetta Soggiu (United Kingdom); Alaa Hamdan (Syria); Carlos Augusto Gomes, Gustavo Fraga (Brazil); Argyrios Ioannidis (Greece); Belinda De Simone (France); Zaza Demetrashvili (Georgia); Saaz Sahani (Czech Republic); Lovenish Bains (India); Almu'atasim Khamees, Hazim Ababneh, Osama Aljaiuossi (Jordan); Samuel Pimentel (Mexico); Ikhwan Sani Mohamad, Ahmad Ramzi Yusoff (Malaysia); Narcis Octavian Zarnescu, Valentin Calu (Romania); Andrey Litvin (Russia); Dusan Lesko (Slovak Republic); Ahmed Elmehrath, Mohamedraed Elshami (Egypt); Martin de Santibañes (Argentina); Justin Gundara (Australia); Kamel Alawadhi (Bahrain); Rashid Lui (China); Alexander Julianov (Bulgaria); Sergio Ralon (Guatemala); Ibrahim-Umar Garzali (Nigeria); Gustavo M. Machain (Paraguay); Darwin Artidoro Quispe-Cruz (Peru); Abigail Cheska C. Orantia (Philippines); Maciej Walędziak (Poland); Tiago Correia de Sá (Portugal); Syed Muhammad Ali (Qatar); Bojan Kovacevic (Serbia); Colin Noel (South Africa); Haidar M. Abdalah (Sudan); Ali Kchaou (Tunisia); Arda Isik (Turkey); Luca Ansaloni, Walter Biffi (the World Society of Emergency Surgery - WSES); Mario Guerrieri, Alberto Sartori (the Italian Society of Endoscopic Surgery and New Technologies – SICE); Mikel Prieto Calvo, Manuel Abradelo (the Spanish Association of Surgeons – HPB Chapter); Giuseppe Nigri, Nicola Di Lorenzo, Andrea Mingoli, Massimo Chiarugi (the American College of Surgeons – Italy Chapter).

Local Collaborators

Argentina: Martin de Santibañes, Juliana Di Menno Stavron, Oscar Mazza (Hospital Italiano de Buenos Aires); José Ignacio Valenzuela (Hospital velez sarsfield); Diana Alendra, Fernando Andrés Alvarez, Julian Ezequiel Liaño (Pantoja Pachajoa).

Australia: Justin Gundara (Logan Hospital, Metro South Health); Joan Tefay (Redland Hospital).

Bahrain: Kamel Alawadhi, Abdulrahman Alshaikh, Layla Hasan (Salmaniya Medical Complex).

Brazil: Carlos Augusto Gomes, Felipe Couto Gomes (Hospital Universitario Terezinha de Jesus. Faculdade de Medicina. Suprema); Gustavo P. Fraga, Thiago R. A. Calderan, Elcio S. Hirano (University of Campinas).

Bulgaria: Dragomir Dardanov (Alexandrovskia University Hospital); Alexander Julianov, Azize Saroglu (Trakia Hospital, Stara Zagora); Boyko Atanasov, Nikolay Belev, Nikola Kovachev (UMHAT Eurohospital, Medical university Plovdiv).

China: Rashid Lui, Shannon Melissa Chan, Hon-Ting Lok (The Chinese University of Hong Kong).

Colombia: Diego Salcedo, Diana Robayo, María Alejandra Triviño (Hospital Simón Bolívar).

Czech Republic: Jan Manak, Saaz Sahani, Jorann de Araujo, Ananya Sethi (Faculty Hospital Hradec Kralove).

Egypt: Ahmed Awad, Merihan Elbadawy (Ain-Shams University Hospitals); Ahmed Farid, Asmaa Hanafy, Ahmed Nafea (Alexandria University); Sherief-Ghozy, Alzhraa Salah – Abbas (El Sheikh Zayed Specialized Hospital, Giza, Egypt); Wafaa Abdelsalam (KafrElsheikh University Faculty of medicine); Sameh Emile, Ahmed Elfallal, Hossam Elfeki (Mansoura University Hospital); Hosam Elghadban, Ashraf Shoma, Mohamed Shetiwy (Mansoura University Hospital, Faculty of Medicine), Mohamed Elbahnasawy (Tanta University); Salem- Mohamed, Emad Fawzi Hamed, Usama Ahmed Khalil (Zagazig University).

France: Belinda De Simone, Elie Chouillard, Andrew Gumbs (Centre Hospitalier Intercommunal de Poissy/Saint Germain en Laye); Andréa Police, Andrea Mabilia (Hôpital Simone Veil).

Georgia: Zaza Demetrashvili, Kakhi Khutsishvili, AnanoTvaladze (Kipshidze Central University Hospital, Tbilisi).

Greece: Orestis Ioannidis, Elissavet Anestiadou, Lydia Loutzidou (Aristotle University of Thessaloniki); Argyrios Ioannidis, Konstantinis Konstantinidis, Sofia Konstantinidou (Athens Medical Center); Dimitrios Manatakis, Vasileios Acheimastos, Nikolaos Tasis (Athens Naval and Veterans Hospital); Nikolaos Michalopoulos, Panagiotis Kokoropoulos, Maria Papadoliopoulou (Attikon General University Hospital of Athens); Maria Sotiropoulou, Stylianos Kapiris, Panagiotis Metaxas (Evangelismos General Hospital); Ioannis Tsouknidas, Despoina Kefili, George Petrakis (General Hospital of Chania "Agios Georgios"); Konstantinos Dakis, Eirini Alexandridou, Kostas Dakis (General Hospital of Kozani); Aristeidis Papadopoulos, Christos Chouliaras, Odysseas Mouzakis (General Hospital of Nikaia); Francesk Mulita, Ioannis Maroulis, Michail Vilas (General University Hospital of Patras); Tania Triantafyllou, Dimitrios Theodorou (Hippocraton General Hospital of Athens, University of Athens); Eftychios Lostoridis, Eleni-Aikaterini Nagorni, Paraskevi Tourountzi (Kavala General Hospital); Efstratia Baili, Alexandros Charalabopoulos, Theodore Liakakos (IASO Hospital, Athens); Dimitrios Schizas, Alexandros Kozadinos, Athanasios Syllaios (1st Department of Surgery, Laikon General Hospital); Nikolaos Machairas, Stylianos Kykalos, Paraskevas Stamopoulos (2nd Department of Propaedeutic Surgery, Laiko General Hospital); Spiros Delis (St Olga Hospital, University of Athens); Christos Farazi-Chongouki (Thriasio General Hospital of Elefsina, Athens); Evangelos Kalaitzakis, Miltiadis Giannarakis (Department of Gastroenterology, University Hospital of Heraklion); Konstantinos Lasithiotakis, Giorgia Petra, Evangelos Kalaitzakis (Department of General Surgery, University Hospital of Heraklion).

Guatemala: Sergio Ralon (Universidad de San Carlos de Guatemala, Hospital General San Juan de Dios).

India: Amit Gupta (AIIMS Rishikesh); Noushif Medappil, Vijayanand Muthukrishnan, Jubin Kamar (Aster Malabar Institute of Medical Sciences, Aster MIMS); Lovenish Bains, Pawan Lal (Maulana Azad Medical College, New Delhi); Rajendra Agarwal (Sudha Hospital and Medical Research Centre).

Italy: Matteo Magnoli, Paolo Aonzo, Alberto Serventi (Acqui Terme); Antonio Giuliani, Pierpaolo Di Lascio, Margherita Pinto (AOR San Carlo Potenza); Carlo Bergamini, Andrea Bottari, Laura Fortuna, Jacopo Martellucci (AOU Careggi); Atea Cicako, Claudio Miglietta, Mario Morino (AOU Città della Salute e della Scienza di Torino - San Giovanni Battista – Molinette); Daniele Delogu (AOU di Sassari, Cliniche Universitarie di San Pietro); Andrea Picchetto, Marco Assenza, Giancarlo D'Ambrosio (AOU Policlinico Umberto I); Giulio Argenio, Mariano Fortunato Armellino, Giovanna Ioia (AOU San Giovanni di Dio e Ruggi d'Aragona, Salerno); Savino Occhionorelli, Dario Andreotti, Lacavalla Domenico (Arcispedale Sant'Anna, University of Ferrara); Davide Luppi, Massimiliano Casadei, Luca Di Donato (Arcispedale Santa Maria Nuova - AUSL-IRCCS Reggio Emilia); Farshad Manoochehri, Tiziana Rita Lucia Marchese, William Sergi (Asl Lecce P.O. Vito Fazzi); Roberto Manca, Raimondo Murgia, Enrico Piras (ASSL Cagliari ATS Sardegna, UOC

Gastroenterologia ed Endoscopia Digestiva); Lorenzo Conti, Simone Gianazza, Andrea Rizzi (ASST dei Sette Laghi - Ospedale Galmarini); Edoardo Segalini, Marco Monti, Elena Iritano (ASST Ospedale Maggiore Crema); Nicolò Maria Mariani, Enrico De Nicola, Giovanna Scifo (ASST Santi Paolo e Carlo); Giusto Pignata, Jacopo Andreuccetti (ASST Spedali Civili di Brescia); Francesco Fleres, Guglielmo Clarizia, Alessandro Spolini (ASST Valtellina e Alto Lario, Sondrio Hospital); Alan Biloslavo, Paola Germani, Manuela Mastronardi, Selene Bogoni, Silvia Palmisano, Nicolò De Manzini (ASUGI Clinica Chirurgica Trieste); Marco Vito Marino (Azienda Ospedaliera Ospedali Riuniti Villa Sofia Cervello Palermo); Gaetano Poillucci (Policlinico Universitario Umberto I Roma); Gennaro Martines, Giuseppe Trigiante, Elpiniki Lagouvardou (Azienda Ospedaliera Universitaria Policlinico Bari); Gabriele Anania, Cristina Bombardini, Dario Oppici (Azienda Ospedaliero-Universitaria di Ferrara); Mauro Podda, Tiziana Pilia, Valentina Murzi, Emanuela Gessa, Adolfo Pisanu (Cagliari University Hospital); Umberto Bracale, Maria Michela Di Nuzzo, Roberto Peltrini (Federico II University Hospital); Luca Ansaloni, Francesco Salvetti, Jacopo Viganò (Fondazione IRCCS Policlinico San Matteo); Gabriele Sganga, Valentina Bianchi, Pietro Fransvea (Fondazione Policlinico Universitario A. Gemelli IRCC, Università Cattolica de Sacro Cuore, Roma); Tommaso Fontana ("G.F. Ingrassia"); Giuliano Sarro, Vincenza Paola Dinuzzi, Luca Scaravilli (G.Fornaroli Hospital, ASST Ovest Milanese, Magenta); Mario Virgilio Papa (Hospital of Caserta); Elio Jovine, Giulia Ciabatti, Laura Mastrangelo (IRCCS Azienda Ospedaliera Universitaria di Bologna c/o Ospedale Maggiore); Matteo Rottoli, Claudio Ricci, Iris Shari Russo (IRCCS Azienda Ospedaliero-Universitaria di Bologna - Alma Mater Studiorum University of Bologna); Alberto Aiolfi, Davide Bona, Francesca Lombardo (Istituto Clinico Sant'Ambrogio); Pasquale Cianci ("Lorenzo Bonomo" Hospital, Andria); Roberto Bini, Osvaldo Chiara, Stefano Cioffi (Niguarda Hospital); Alessio Giordano, Stefano Cantafio (Nuovo Ospedale "S.Stefano" Prato); Guido Coretti (Ospedale Buonconsiglio Fatebenefratelli di Napoli); Ferdinando Agresta, Edelweiss Licitra, Grazia Savino (Ospedale Civile di Vittorio Veneto); Sergio Grimaldi, Raffaele Porfidia (Ospedale Convenzionato Villa dei Fiori Acerra); Elisabetta Moggia, Mauro Garino, Chiara Marafante (Ospedale degli Infermi Rivoli Asl To 3); Antonio Pesce, Nicolò Fabbri, Carlo Vittorio Feo (Ospedale del Delta, Azienda USL of Ferrara); Ester Marra (Ospedale del mare); Marina Troian, Davide Drigo, Carlo Nagliati (Ospedale di Gorizia-Monfalcone, ASUGI); Muratore Andrea, Riccardo Danna, Alessandra Murgese (Ospedale di Pinerolo); Michele Crespi, Luca Ferrario, Claudio Guerci (Ospedale Luigi Sacco); Alice Frontali, Luca Ferrari, Claudio Guerci (ASST Fatebenefratelli Luigi Sacco, Milano); Francesco Favi, Erika Picariello, Alessia Rampini (Ospedale M.Bufalini Ausl della Romagna); Fabrizio D'Acapito, Giorgio Ercolani, Leonardo Solaini (Ospedale Morgagni-Pierantoni AUSL Romagna Forlì); Francesco Palmieri, Matteo Cali, Francesco Ferrara (Ospedale San Carlo Borromeo); Inerio Angelo Muttillio, Edoardo Maria Muttillio, Biagio Picardi (Ospedale San Filippo Neri, Roma); Raffaele Galleano, Ali Badran, Omar Ghazouani (Ospedale Santa Corona); Maurizio Cervellera, Gaetano Campanella, Gennaro Papa (Ospedale SS Annunziata Taranto); Annamaria Di Bella (Ospedale SS. Cosma e Damiano, Pescia); Gennaro Perrone, Gabriele Luciano Petracca, Concetta Prioriello (Parma University Hospital); Mario Giuffrida, Federico Cozzani, Matteo Rossini (Parma University Hospital - General Surgery Unit); Marco Inama, Giovanni Butturini, Gianluigi Moretto (Pederzoli Hospital); Luca Morelli, Giulio Di Candio, Simone Guadagni (Pisa University; Department of Translational Research and new Technologies in Medicine and Surgery); Federico Coccolini, Enrico Cicuttin, Camilla Cremonini, Dario Tartaglia, Valerio Genovese, Massimo Chiarugi (Pisa University Hospital, General, Emergency and Trauma Surgery, Pisa); Nicola Cillara, Alessandro Cannavera, Antonello Deserra (PO SS. Trinità ASSL Cagliari ATS Sardegna); Arcangelo Picciariello, Vincenzo Papagni, Leonardo Vincenti (Policlinico di Bari); Giulia Bagaglini, Giuseppe Sica (Policlinico di Roma Tor Vergata); Pierfrancesco Lapolla, Gioia Brachini, Andrea Mingoli (Policlinico Umberto I Sapienza University of Rome); Dario Bono, Antonella Nicotera, Marcello Zago (Presidio Ospedaliero Santi Pietro e Paolo Borgosesia); Fabrizio Sammartano, Laura Benuzzi, Marco Stella (San Carlo Borromeo Hospital, Milan); Stefano Rossi, Alessandra Cerioli, Caterina Puccioni (San Filippo Neri Hospital, Rome); Stefano Olmi, Carolina Rubicondo, Matteo Uccelli (San Marco Hospital GSD – Zingonia); Andrea Balla, Anna Guida, Pasquale Lepiane (San Paolo Hospital Civitavecchia); Diego Sasia, Giorgio Girauda, Sara Salomone (Santa

Croce and Carle Hospital, Cuneo); Giuseppe Nigri, Elena Belloni, Alessandra Cossa (Sapienza University of Rome, Sant'Andrea Hospital); Francesco Lancellotti, Roberto Caronna, Piero Chirletti, Paolina Saullo, Raffaele Troiano (Sapienza University of Rome); Felice Mucilli, Mirko Barone, Massimo Ippoliti ("SS. Annunziata" Hospital of Chieti); Michele Grande, Bruno Sensi, Leandro Siragusa (Università degli Studi di Roma "Tor Vergata"); Monica Ortenzi, Andrea Santini (Università Politecnica delle Marche); Isidoro Di Carlo (University of Catania); Massimiliano Veroux, Rossella Gioco, Gastone Veroux (University Hospital of Catania); Giuseppe Currò (University Hospital of Catanzaro); Michele Ammendola ("Magna Graecia" University Medical School of Catanzaro); Iman Komaei, Giuseppe Navarra (University Hospital of Messina); Valeria Tonini, Lodovico Sartarelli, Samuele Vaccari (University of Bologna); Marco Ceresoli, Stefano Perrone, Linda Roccamatysi (University of Milano-Bicocca); Paolo Millo, Riccardo Brachet Contul, Elisa Ponte ("U. Parini" Regional Hospital – Aosta); Matteo Zuin, Giuseppe Portale, Alice Sabrina Tonello (U.O.C. Chirurgia Generale, Ospedale di Cittadella - ULSS 6 Euganea); Geri Fratini, Matteo Bianchini, Bruno Perotti (Versilia Hospital - use toscana nordovest - Lido di Camaiore); Emanuele Doria, Elia Giuseppe Lunghi, Diego Visconti (AOU Città della Salute e della Scienza, Torino).

Jordan: Almu'atasim Khamees, Khayry Al-Shami, Sajeda Awadi (Faculty of Medicine, Yarmouk University); Hazim Ababneh, Mohammad Musallam Khalil Buwaitel, Mo'taz Fawzat Naief Naffa' (King Hussein Medical Center-Royal medical services); Osama Aljaiuossi, Ahmad Samhouri, Hatem Sawalha (Prince Faisal Hospital - Ministry of health).

Malaysia: Ahmad Ramzi Yusoff, Mohd Firdaus Che Ani, Ida Nadiah Ahmed Fathil (Faculty of Medicine, Universiti Teknologi MARA); Jih Huei (Hospital Sultanah Aminah); Ikhwan Sani Mohamad; Andee Dzulkarnaen Zakaria; Mohammad Zawawi Ya'acob (Hospital Universiti Sains Malaysia).

Mexico: Jose-Luis Beristain-Hernandez, Alejandro Garcia-Meza, Rafael Sepulveda-Rdriguez (Hospital de Especialidades "Antonio Fraga Mouret". Centro Medico Nacional "La Raza". Instituto Mexicano del Seguro Social); Edgard Efren Lozada Hernández, Camilo Levi Acuña Pinzón, Jefferson Nieves Condoy (Hospital Regional de Alta Especialidad del Bajío); Francisco C. Becerra García (Hospital San Ángel Inn Patriotismo); Samuel Pimentel (Imss).

Nigeria: Ibrahim-Umar Garzali (Aminu Kano Teaching Hospital).

Pakistan: Mohammad Sadik, Jalpa, Bushra kadir (Asian Institute of Medical Sciences); Jalpa Devi, Nandlal Seerani, Zainab (Liaquat University of Medical and Health Sciences); Mohammad Sohail-Asghar, Ameer Afzal, Ali Akbar (Mayo Hospital King Edward Medical University Lahore).

Paraguay: Gustavo M. Machain, Helmut Segovia Lohse, Herald Segovia Lohse (Universidad Nacional de Asunción- Facultad de Ciencias Medicas. Hospital de Clinicas).

Peru: Darwin Artidoro Quispe-Cruz, Zamiara Solange Leon Cabrera, Gaby Susana Yamamoto Seto, (Cayetano Heredia National Hospital – Lima); José Ríos Chiuvari, Jorge Ordermar, Martha Rodríguez (Universidad Nacional Pedro Ruiz Gallo Facultad de Medicina Humana, Universidad Peruana Los Andes, Huancayo).

Philippines: Abigail Cheska C. Orantia, Abigail Cheska C. Orantia-Carlos, Margie Antionette Quitoy (Medical Center Manila- ManilaMed).

Poland: Maciej Walędziak, Andrzej Kwiatkowski, Maciej Mawlichanów (Military Institute of Medicine, Warsaw, Poland).

Portugal: Tiago Correia de Sá, Mónica Rocha, Carlos Soares (Centro Hospitalar do Tâmega e Sousa);

Qatar: Syed Muhammad Ali (Hamad Medical Corporation, Doha).

Romania: Andreea Diana Draghici, Andreea Diana Draghici, Valentin Titus Grigorean ("Bagdasar-Arseni" Clinical Emergency Hospital); Valentin Calu (Elias Emergency University Hospital Bucharest); Raluca Bievel Radulescu (Spitalul Clinic De Urgenta); Narcis Octavian Zarnescu, Radu Virgil Costea, Eugenia Claudia Zarnescu (University Emergency Hospital Bucharest, "Carol Davila", University of Medicine and Pharmacy Bucharest).

Russia: Andrey Litvin, Mikhail Kurtenkov, George Gendrikson, Volovich Alla-Angelina, Tsurbanova Arina (Immanuel Kant Baltic Federal University, Regional Clinical Hospital, Kaliningrad); Ayrat Kaldarov, Ayrat Kaldarov (Vishnevsky Center of Surgery); Mahir Gachabayov, Abakar Abdullaev (Vladimir City Emergency Hospital).

Serbia: Bojan Kovacevic, Milica Milentijevic, Milovan Karamarkovic (Univesity Medical Center Zvezdara, Belgrade, Serbia).

Slovak Republic: Arpád Panyko (University Hospital Bratislava); Dusan Lesko, Jozef Radonak, Marek Soltes (University Hospital L.Pasteur, Kosice, Slovak Republic).

South Africa: Colin Noel (Universitas Academic Hospital, Bloemfontein, South Africa).

Spain: Laura Álvarez Morán, Haydée Calvo García, Pilar Suárez Vega (Complejo Asistencial Universitario de León); Sergio Estevez (Complejo Hospitalario Universitario de Vigo. Hospital Álvaro Cunqueiro); Mikel Prieto Calvo (Cruces university Hospital, University of the Basque country, Bilbao); Fabio-Ausania, Jordi Farguell, Carolina González-Abós (Hospital Clinic of Barcelona); Santiago Sánchez-Cabús, Belén Martín, Víctor Molina (Hospital de la Santa Creu i Sant Pau, Barcelona); Luis Oms (H. de Terrassa Barcelona); Lucas Ilzarbe, Eva Pont Feijóo, Elena Sofia Perra (Hospital del Mar); Noel Rojas-Bonet, Rafael Penalba-Palmí, Susana Pérez-Bru (Hospital General d'Ontinyent); Jaume Tur-Martínez, Andrea Álvarez-Torrado, Marta Domingo-Gonzalez (Hospital Universitario d'Igualada); Javier Tejedor-Tejada (Hospital Universitario de Cabueñes); Marcello Di Martino, Yaiza García del Alamo (Hospital Univeritario La Princesa); Fernando Mendoza-Moreno, Francisca García-Moreno-Nisa, Belén Matías-García (Hospital Universitario Príncipe de Asturias); Manuel Durán, Rafael Calleja-Lozano, José Manuel Perez de Villar (Reina Sofía University Hospital, Cordoba); Luis Sánchez-Guillén, Iban Caravaca, Daniel Triguero-Cánovas (University General Hospital of Elche); Antonio Carlos Maya Aparicio, Blas Durán Meléndez, Andrea Masiá Palacios (University Hospital Complex of Cáceres); Aitor Landaluce-olavarria, Mario De Francisco, Begoña Estraviz-Mateos (Urduliz hospital); Felipe Alconchel, Tatiana Nicolás-López, Pablo Ramírez (Virgen de la Arrixaca University Hospital, IMIB-Arrixaca); Virginia Duran Muñoz-Cruzado, Felipe Pareja Ciuró, Eduardo Perea del Pozo (Virgen del Rocío University Hospital); Sergio Olivares Pizarro, Vicente Herrera Cabrera, Jose Muros Bayo (Infanta Cristina de Parla University Hospital).

Sudan: Haidar M. Abdalah, Hytham K. S. Hamid (AlSaaha Specialized Hospital).

Switzerland: Raffaello Roesel, Alessandra Cristaudi, Cristiana Riboni (EOC Regional Hospital of Lugano).

Syria: Alaa Hamdan, Kinan Abbas, Iyad Ali (Tishreen Univesity Hopital).

Tunisia: Ali Kchaou, Ahmed Tlili (Habib Bourguiba University Hospital).

Turkey: Arda Isik (Erzincan University); Hüseyin Bayhan, Mehmet Akif Türkoğlu (Mardin Training and Research Hospital); Mustafa Yener Uzunoglu (Kestel State Hospital); Ibrahim Fethi Azamat, Nail Omarov, Derya Salim Uymaz (Koç University Hospital); Fatih Altintoprak, Emrah Akin, Necattin First (Sakarya University Faculty of Medicine); Koray Das, Nazmi Ozer, Ahmet Seker (University of Health Sciences, Adana City Training and Research Hospital); Yasin Kara, Mehmet Abdussamet Bozkurt, Ali Kocataş (Health Sciences University, Kanuni Sultan Süleyman Training and Research Hospital); Semra Demirli Atici, Murat Akalin, Bulent Calik (University of Health Sciences Tepecik Training and Research Hospital, Department of General Surgery); Elif Colak

(University of Health Sciences Turkey, Samsun Training and Research Hospital); Yuksel Altinel, Serhat Meric, Yunus Emre Aktimur (Bagcilar Research and Training Hospital).

United Kingdom: Victoria Hudson, Jean-Luc Duval, Stavros Gourgiotis (Addenbrookes Hospital, Cambridge University Hospitals NHS Foundation Trust, Cambridge); Mansoor Khan, Ahmed Saad, Mandeep Kaur (Brighton and Sussex University Hospital); Michael Wilson, Alison Bradley, Katherine Fox (Forth Valley Royal Hospital); Ivan Tomasi, Daniel Beasley, Alekhya Kotta Prasanti, Pinky Kotecha, Husam Ebied (Guys and St Thomas Hospital London); Fiammetta Soggiu, Michaela Paul, Hemant Sheth (London North West University Healthcare NHS Trust); Ioannis Gerogiannis, Mohannad Gaber, Zara Sheikh, Shatadru Seth, Maria Kunitsyna (Kingston Hospital NHS Foundation Trust); Cosimo Alex Leo, Vittoria Bellato, Noman – Zafar (Northwick Park & St Mark's Hospital - London North West NHS Trust); Amr Elserafy, Giles Bond-smith, Giovanni Tebala (Oxford University Hospitals NHS Foundation Trust); Pawan Mathur, Izza Abid (Royal Free London NHS Foundation Trust); Nnaemeka Chidumije, Pardip Sandhar, Syed Osama Zohaib Ullah, Tamara Lezama, Muhammad Hassan Anwaar (University Hospitals Birmingham. Birmingham Heartlands Hospital); Conor Magee, Salma Ahmed, Brooke Davies (Wirral University Teaching Hospitals NHS Foundation Trust); Jeyakumar Apollos, Kieran McCormack, Hasham Choudhary (Dumfries and Galloway Royal Infirmary, Cargenbridge); Triantafyllos Doulias, Tamsin Morrison, Anna Palepa (Colchester Hospital University NHS Foundation Trust).

Uruguay: Fernando Bonilla Cal, Lianet Sánchez, Fabiana Domínguez (Hospital Español, Montevideo).

Yemen: Ibrahim Al-Raimi, Haneen Alshargabi, Abdullah Meead (Sana'a University).