

Supplemental online content for:

Local Recurrence and Disease-Free Survival After Transanal Total Mesorectal Excision: Results From the International TaTME Registry

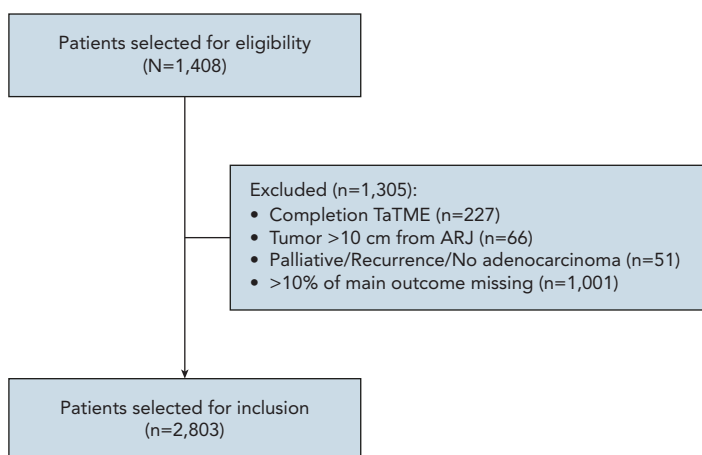
Sapho X. Roodbeen, MD; Marta Penna, MBBS, MRCS; Susan van Dieren, PhD;
Brendan Moran, MD, FRCS; Paris Tekkis, MD (Lon), HonD, FRCS; Pieter J. Tanis, MD, PhD;
and Roel Hompes, MD, PhD; on behalf of the International TaTME Registry Collaborative

J Natl Compr Canc Netw 2021;19(11):1232–1240

eFigure 1: Flow Diagram of Patient Inclusion

eTable 1: Perioperative Details

eAppendix 1: International TaTME Registry Collaborative



eFigure 1. Flow diagram of patient inclusion.

Abbreviations: ARJ, anorectal junction; TaTME, transanal total mesorectal excision.

eTable 1. Perioperative Details (N=2,803)	
Perioperative Details	n (%)
Procedure	
LAR	2,555/2,795 (91.4)
APE	76/2,795 (2.7)
isAPE	131/2,795 (4.7)
Proctocolectomy	26/2,795 (0.9)
Other	7/2,795 (0.3)
Anastomosis created	2,560/2,776 (92.2)
Defunctioning stoma (if anastomosis)	2,188/2,497 (87.6)
Two-team procedure	1,498/2,797 (53.6)
Operative time, median (IQR), min	260 (190–326)
Abdominal approach	
Open	42/2,752 (1.5)
Conventional laparoscopy	2,451/2,752 (89.1)
SILS	243/2,752 (8.8)
Robotic	16/2,752 (0.6)
Conversion	
Abdominal ^a	124/2,584 (4.8)
Perineal ^b	58/2,575 (2.3)
Adverse events (intraoperative)	
Purse string failure	70/2,797 (2.5)
Bleeding	135/2,797 (4.8)
Incorrect plane	131/2,797 (4.7)
Urethral injury	20/2,797 (0.7)
Other visceral injury	19/2,797 (0.7)
Hospital stay, median (IQR), d	8 (5–13)
Morbidity <30 d	1,124/2,604 (43.2)
Clavien-Dindo <30 d	
1	264/2,604 (10.1)
2	445/2,604 (17.1)
3	354/2,604 (13.6)
4	33/2,604 (1.3)
5	28/2,604 (1.1)

Percentages for the variables are calculated from the total number of actual results available, excluding missing values.

Abbreviations: APE, abdominoperineal excision; isAPE, intersphincteric abdominoperineal excision; LAR, anterior resection; SILS, single-incision laparoscopic surgery.

^aAbdominal conversion was defined as a procedure that was started with the intention to perform a minimally invasive abdominal dissection but required a midline laparotomy.

^bPerineal conversion was defined as a change in operative approach from transanal to a more extensive abdominal approach than initially planned.

eAppendix 1. International TaTME Registry Collaborative (alphabetized by surname)

Adamina, Michel; Aigner Felix; Al Furajji, Hazar; Arezzom Alberto; Arnold, Steven J.; Aryal, Kamal; Austin, Ralph; Baekkelund, Oliver; Baloyiannis, Ioannis; Bandyopadhyay, Dibyendu; Banky, Balazs; Barugola, Giuliano; Basany, Eloy Espin; Belgers, Eric H.J.; Bell, Stephen; Bemelman, Willem; Berti, Stefano; Biebl, Matthias; Bloemendaal, Bobby; Boni, Luigi; Bosker, Robbert J.I.; Box, Benjamin; Brown, Carl; Bruegger, Lukas; Brunner, Walter; Buchli, Christian; Cahill, Ronan; Campana, Juan Pablo; Candido, Francesca di; Capolupo, Gabriella T.; Caricato, Marco; Caro-Tarragó, Aleidis; Casati, Massimiliano; Cassinotti, Elisa; Chadwick, Michael; Chitsabesan, Pramithra; Christoforidis, Dimitri; Coetzee, Emile; Coget, Julien; Collera, Pablo; Courtney, Edward; Cunningham, Chris; Dagbert, Francois; Dalton, Stephen J.; Damietta, Marta Pascual; Dapri, Giovanni; Dayal, Sanjeev; de Manzini Nicolo; de Pooter, Karl; DeLacy, Borja; Delgado, Salvadora; Dimitrov, Dobromir; Duff, Sarah; Dzhumabaev, Khasan Erkinovich; Edwards, Tom; Egenvall, Monika; Estevez-Schwarz, Lope; Færden, Arne E.; Faes, Seraina; Feleppa, Cosimo; Ferrero, Alessandro; Forsmo, Havard; Freitas, Cristiano Denoni; Frontali, Alice; Gamage, Bawantha; García-Florez, Luis J.; Geissmann, Daniel; Glöckler, Markus; Gloor, Severin; Grolich, Tomas; Hahnloser, Dieter; Harikrishnan, Athur; Hasegawa, Hiro; Haunold, Ingrid; Hevia, Maria Fernandez; Hol, Jeroen; Horwood, James; Ial, Roshan; Ito, Masaaki; Julião, Guilherme Pagin São; Karamanliev, Martin; Killeen, Shane; Kneist, Werner; Kok, Siu Yan; Korsgen, Stephan; Kusters, Miranda; la Terra, Antonio; Lacy, Antonio; Lakatos, Lorand; Lambrecht, Jan R.; Lavik, Sigmund; Lee, Larence; Liberman, Sender A.; Lorenzon, Laura; Mackey, Paul; Mamedli, Zaman Zaur; Marcy, Tobias; Maroon, Tohmeh; Marti, Lukas; Massucco, Paolo; Mattacheo, Adrián Ezequiel; McCallum, Iain; Meyer, Jeremy; Michalopoulos, Antonios; Mikalauskas, Saulius; Miroshnychenko, Yevgen; Mitermair, Christof; Moore, Tim; Mooslechner, Barbara; Morino, Mario; Muñoz C., Muratore, Andrea; Mutafchiyski, Ventsislav Metodiev; Myers, Alistair; Navarro, Joaquim; Nicol, Deborah; Nishizaki, Daisuke; Nolan, Gregory John; Ochsner, Alex; Oh, Jae Hwan; Osenda, Edoardo; Ourô, Susana; Panis, Yves; Papavramidis, Theodosios; Paraoan, Marius; Pastor, Carlos; Pei, Cherylin Fu Wan; Penchev, Dimitar; Pera, Miguel; Perdawood, Sharaf; Perez, Rodrigo Oliva; Persiani, Roberto; Pfeffer, Frank; Phang, P. Terry; Poskus, Eligijus; Ris, Frederic; Rockall, Timothy Alexander; Romero-Marcos, Juan Manuel; Roquete, Paulo; Rossi, Gustavo; Ruffo, Giacomo; Ruiz, Marcos Gomez; Sagar, Jayesh; Sakai, Yoshiharu; Sanchon, Lorena; Scala, Andrea; Schaap, Dennis; Scheiding, Monica Millan; Schiavo, Marcello; Schmidt, Eduardo Miguel; Sevá-Pereira, Gustavo; Sguinzi, Raffaella; Shalaby, Mostafa; Sharma, Abhiram; Shashank, Gurjar; Sietses, Colin; Sileri, Pierpaolo; Slessor, Alistair; Sohn, Dae Kyung; Solis-Peña, Alejandro; Soravia, Claudio; Sosef, Meindert M.N.; Spinelli, Antonino; Storms P.; Studer, Peter; Syk, Erik; Talsma, Aaldert Konraad; Tejedor, Patricia; Temple, Sara; Tognelli, Joaquín; Tong, Weihua; Torkington, Jared; Tuech, Jean-Jacques; Tzovaras, George; Van de Putte, Dirk; van Nieuwenhove, Yves; von Papen, Michael; Vorburger, Stephan; Wang, Quan; Warrior, Satish; Weiss, Helmut; Witzig, Jacques-Alain; Wolff, Torsten; Wynn, Greg; Zingg, Urs.