Supplementary appendix 2: Data items

Study-level data		
Study design	Inclusion- and exclusion criteria	Text
	Inclusion period	Month/year – Month/year
	Number of participating centers	Number
	Blinding	Open label / single / double / triple blind
	Randomised tissue layer	Fascia and / or skin wound
	TCS specification	Polydioxanone / polyglactin 910
	Sample size	Number
	Follow up	(days)
	Primary and secondary outcomes	Text
	Standardised use of prophylactic antibiotics	Yes / no
Participant-level data		
Baseline	Age	Year
	Gender	Male or female
	ASA Physical Status score	Number
	Body mass index	Kg/m^2
	Active cigarette smoking	Yes / no
	Diabetes mellitus (any type)	Yes / no
	Chronic obstructive pulmonary disease	Yes / no
	Previous midline incision	Yes / no (if yes: number)
Procedural	Randomisation allocation	Intervention / control
	Received suture	TCS / non-TCS
	Status	Elective / emergent
	Target organ	Upper gastrointestinal / small intestine / colorectal / hepato-pancreato-biliary / other
	Wound classification	According to the Center for Disease Control and Prevention classification
	Duration of surgery	According to hospital definition (min)
	Incision type	Midline (at least partly) / non-midline
Outcome	Spontaneous abdominal wound dehiscence, within 30 days after operation, requiring reoperation	Yes / no
	Abdominal skin wound dehiscence	Yes / no
	Surgical Site Infection	According to the Center for Disease Control and Prevention classification into superficial, deep and organ space
	Postoperative length of hospital stay	(days)
	All cause reoperation within 30 days after surgery	Yes / no
	All cause 30 days mortality	Yes / no