

Appendix A: Summary of Search Terms: Search terms combined using Boolean logic within column terms combined using “or” statements; “and” statements used to combine terms between columns

Statement 1: Treatment recommendations regarding colorectal surgery should consider patients’ degree of frailty (i.e., physiologic age) rather than chronological age.

<i>Frailty</i>	<i>Age</i>	<i>Surgery</i>
Frailty Frailty assessment Frailty tools Frailty test Frailty score Frailty index Frailty scale Frailty evaluation Frailty questionnaire Frailty screening	Biological age Chronological age	Surgery Procedure Abdominal Surgery Surgical Outcomes Operative Outcomes Preoperative Perioperative Complications

Statement 2: Frailty screening in the ambulatory setting identifies vulnerable and frail older adults.

<i>Frailty</i>	<i>Surgery</i>
Frailty Frailty assessment Frailty tools Frailty test Frailty score Frailty index Frailty scale Frailty evaluation Frailty questionnaire Frailty screening	Surgery Procedure Abdominal Surgery Surgical Outcomes Operative Outcomes Preoperative Procedure Perioperative Complications

Statement 3: Treatment plans for frail older adults should align with patients’ goals of care.

<i>Frailty</i>	<i>Goals of Care</i>	<i>Surgery</i>
Frailty Frailty assessment Frailty tools Frailty test Frailty score Frailty index Frailty scale Frailty evaluation Frailty questionnaire Frailty screening	Goals of Care Patient Goals Patient Preferences Patient Wishes	Surgery Procedure Abdominal Surgery Surgical Outcomes Operative Outcomes

Statement 4: Cognitive function should be assessed pre-operatively in frail, older adults.

<i>Frailty/Age</i>	<i>Cognitive function</i>	<i>Surgery</i>
Frailty Frailty assessment Frailty tools Frailty test Frailty score Frailty index Frailty scale Frailty evaluation Frailty questionnaire Frailty screening Older adults Older patients Geriatric Elderly	Cognitive function Cognitive status Cognitive screening Cognitive impairment Cognition	Surgery Procedure Abdominal Surgery Surgical Outcomes Operative Outcomes

Statement 5: Frail, older adults should be screened for post-operative signs and symptoms of delirium and treated appropriately.

<i>Frailty/Age</i>	<i>Delirium</i>	<i>Surgery</i>
Frailty Frailty assessment Frailty tools Frailty test Frailty score Frailty index Frailty scale Frailty evaluation Frailty questionnaire Frailty screening Older adults Older patients Geriatric Elderly	Delirium	Surgery Procedure Abdominal Surgery Surgical Outcomes Operative Outcomes

Statement 6: Frail older adults may benefit from pre-operative, multimodality optimization (i.e., prehabilitation).

<i>Frailty</i>	<i>Prehabilitation</i>	<i>Surgery</i>
Frailty Frailty assessment Frailty tools Frailty test Frailty score Frailty index Frailty scale	Prehabilitation Preoperative Exercise Preoperative Care Breathing exercises Inspiratory Muscle Training Aerobic Capacity Social Support	Surgery Procedure Abdominal Surgery Surgical Outcomes Operative Outcomes

Frailty evaluation Frailty questionnaire Frailty screening	Nutrition Optimization Diet	
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Statement 7: Frail patients may benefit from a multidisciplinary approach to perioperative care that includes a health-care provider with geriatric expertise.

<i>Frailty</i>	<i>Comanagement</i>	<i>Surgery</i>
Frailty Frailty assessment Frailty tools Frailty test Frailty score Frailty index Frailty scale Frailty evaluation Frailty questionnaire Frailty screening	Comanagement Geriatric Comanagement Multidisciplinary Care Geriatric Surgery	Surgery Procedure Abdominal Surgery Surgical Outcomes Operative Outcomes

Statement 8: Frail older adults should be screened for social and economic vulnerabilities and offered social support.

<i>Frailty</i>	<i>Social support</i>	<i>Surgery</i>
Frailty Frailty assessment Frailty tools Frailty test Frailty score Frailty index Frailty scale Frailty evaluation Frailty questionnaire Frailty screening	Social support Social frailty Home-based care	Surgery Procedure Abdominal Surgery Surgical Outcomes Operative Outcomes

Statement 9: Frail, older adults should be managed with enhanced recovery protocols after surgery with modifications, as needed.

<i>Frailty</i>	<i>Enhanced Recovery</i>	<i>Surgery</i>
Frailty Frailty assessment Frailty tools Frailty test Frailty score Frailty index Frailty scale Frailty evaluation Frailty questionnaire	Enhanced Recovery Enhanced Recovery Protocols Enhanced Recovery After Surgery Multimodality Multiphase Perioperative	Surgery Procedure Abdominal Surgery Surgical Outcomes Operative Outcomes

Frailty screening		
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Statement 10: Minimally invasive techniques should be considered for frail, older adults undergoing colorectal surgery.

<i>Frailty</i>	<i>Minimally Invasive Surgery</i>	<i>Surgery</i>
Frailty Frailty assessment Frailty tools Frailty test Frailty score Frailty index Frailty scale Frailty evaluation Frailty questionnaire Frailty screening	Minimally Invasive Surgery Laparoscopic Surgery Robotic Surgery Laparoscopy Robotics	Surgery Procedure Abdominal Surgery Surgical Outcomes Operative Outcomes

Statement 11: Patient-centered post-operative functional outcomes should be measured in addition to traditional post-surgical outcomes in older adults.

<i>Frailty</i>	<i>Functional Recovery</i>	<i>Surgery</i>
Frailty Frailty assessment Frailty tools Frailty test Frailty score Frailty index Frailty scale Frailty evaluation Frailty questionnaire Frailty screening	Functional Recovery Surgery Recovery Patient Reported Outcomes Patient Centered Care Independence Activities of Daily Living Continence Ostomy	Surgery Procedure Abdominal Surgery Surgical Outcomes Operative Outcomes