

The Impact of Failed Surgeries— And What Clinicians Can Do About It

Common psychosocial factors that can work for or against surgery

Affective and Psychiatric Disorders	Cognitive Appraisals	Coping Strategies	Patient Resources	Life Context
Depression	Self-Efficacy	Active Behaviour	Social	Stressful Events
Anxiety	Optimism/Pessimism	Avoidance	Economic	Perceived Stress Level
	Perceived Control	Denial	Familial	Functional Capacity
			Spiritual	

Some surgeries that can benefit from psychological evaluations:

Spinal Surgery

Failed back surgery syndrome (FBSS) affects 40% of patients in the US following spine surgery with estimated costs of \$20 billion to the US healthcare system.⁽¹⁾

Bariatric Surgery

196,000 Bariatric surgeries are performed each year in the US ⁽²⁾
15% of patients do not maintain 50% of initial weight loss ⁽³⁾

Other surgeries where outcomes can benefit from presurgical evaluations:

- Sleep apnea
- Pain intervention
- Organ transplant
- Knee & hip surgery

(1) Elsamadicy AA et al. (2017). Impact of Insurance Provider on Overall Costs in Failed Back Surgery Syndrome: A Cost Study of 122,827 Patients. *Neuromodulation*. Jun;20(4):354-360

(2) American Society for Metabolic and Bariatric Surgery. (2016). Estimate of Bariatric Surgery Numbers, 2011-2016. Retrieved from <https://renewbariatrics.com/bariatric-surgery-statistics/>

(3) Obesity News Today. "Gastric Bypass Success Rate: What You Need to Know." Retrieved from <https://obesitynewstoday.com/gastric-bypass-success-rate/>. March 7, 2018

Help improve your patients' surgical outcomes

Surgical procedures and recovery require cooperative effort from patients, healthcare teams, and even insurance companies. Make sure your patients are ready to undergo these procedures by identifying risks and positive attributes that could impact successful outcomes. Presurgical evaluations and mental health assessments provide evidence-based recommendations to help you devise an appropriate treatment plan.

Benefits of presurgical evaluations include:

Identification of Risks and Resilience

High levels of psychological symptomatology are often indicative of patient satisfaction and adverse or sub-optimal surgical outcomes.

Reports Developed for Integrated Care

Comprehensive and evidence-based reports enable collaboration across the multidisciplinary surgical and care team.

Justification for Insurers

Research-based and normed on relevant surgical candidates, these industry leading tests are part of a thorough presurgical psychological evaluation often required by medical treatment guidelines.

Why are presurgical evaluation tools valuable?

- Items are written to assess medical patients
- Offer more focused assessment of psychiatric conditions
- Determine if patient is depressed about health
- Identify fears associated with objective risk of death
- Highlight clusters of physical symptoms associated with illness and distress
- Identify poor coping with pain or illness
- Assess dependence on prescription pain medication

Pearson's valid and reliable suite of tools assess for:

- Depression
- Anxiety
- Addiction potential
- Pain disorder
- Physical functioning
- Reaction to medical condition
- Dependence on prescription pain medication
- Organic & stress-related symptom clusters
- Conflict with healthcare providers

Products

Pearson offers the following assessments to inform treatment plans and improve outcomes for surgical interventions



Helps identify biopsychosocial factors, including coping strategies, that impact individuals' readiness for and response to chronic pain, bariatric, and general surgeries.



Comprehensively identifies primary and secondary biopsychosocial risk factors before surgical intervention.



Spine-CIR/ STIM-CIR

Reports that identify presurgical risk factors, postsurgical outcome risk, and associated treatment recommendations for spinal cord stimulator and spine surgery procedures.



Score report

Helps assess psychological and behavioural dysfunctions of medical patients, including bariatric surgery candidates.



Efficiently measures 16 areas of life satisfaction to inform pre- and post-surgical treatments or services.

For more information and resources on presurgical evaluations, visit pearsonclinical.co.uk/surgery ►