

Table 2. ALEBON Surgical Complexity Index (ASCI) Operational Framework and Scoring Structure

ASCI Operational Domain	Operational Definition	Relative Burden Contribution	Ordinal Score Range
Procedural Complexity	Technical procedural intensity and operative difficulty	High	1–4
Operative Care Environment	Infrastructure intensity and perioperative resource utilization across minor procedure, ambulatory surgery center, and hospital-based operative settings	High	0–3
Procedural Integration	Combined or integrated ophthalmic procedural workflows (e.g., cataract + MIGS)	Moderate	0–2
Procedural Multiplicity	Multiple procedures performed during the same operative encounter	Low–Moderate	0–1
Longitudinal Workflow Intensity	Ongoing disease-management burden and procedural continuity requirements	Low–Moderate	0–1
Composite ASCI Score	Integrated multidimensional operational burden score	—	1–11

ASCI = ALEBON Surgical Complexity Index; MIGS = minimally invasive glaucoma surgery.