

Adult patient admitted to hospital to undergo emergency open surgical repair of umbilical hernia

Inclusion criteria: Adult patients undergoing emergency repair of an incarcerated, strangulated or obstructed umbilical hernia, where the defect is anticipated to be $\leq 5\text{cm}$ in transverse direction

Exclusion criteria: Patients with liver cirrhosis, pregnant patients, hernia with perforation of viscus in sac on imaging

	Patients	Clinicians
Baseline	EQ-5D-5L Abdominal hernia questionnaire	Demographic data, hernia presentation data
Surgery		Hernia details Repair type Surgeon willingness to accept simulated randomization of a) repair type b) post-operative antibiotic use
+ 7 days	EQ-5D-5L Abdominal hernia questionnaire Bluebelle wound health questionnaire	
+ 30 days	EQ-5D-5L Abdominal hernia questionnaire Bluebelle wound health questionnaire	Clinical outcomes: SSI, SSO, readmission, reoperation