

Regenerative Capacity	
Response Variable(s)	Percent wound closure and signs of healing
Details	Percent wound closure and signs of healing (1. repair of radial corallite structure(s), 2. presence of radial polyp(s), 3. repair of apical corallite) are indicators of regeneration. Damaged or lost tissue and skeleton removes surface area available for energy acquisition. Regeneration requires energy to fuel repair processes including wound closure, reconstructing corallites, and new polyp formation.
Rationale	Synchronous wound closure and signs of healing between wound types indicates no difference in regeneration capacity. Asynchronous wound closure and signs of healing between wound types with the addition of elevated temperature indicates a temperature mediated regeneration capacity.
Hypotheses	If energetic constraints are placed on regeneration, then wound closure or signs of healing between unwounded and wounded corals will be asynchronous.
