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Fish hook and line morbidity and mortality examples of cases seen in rehab
Potential for using cases sent to rehabilitation centers in overall assessment of morbidity and mortality of hooks and line

- Develop data collection criteria for rehabilitators for hook and line cases
- Digital images
- There may already be significant information that has yet to be captured
- 3 case examples
Subadult loggerhead

- Presented with line coming out of mouth and cloaca, no hook
- Ultrasound performed and revealed plication and need for surgery immediately
- Ultrasound was superior to radiology to assess plication.
Ultrasound Plication
plication

Intussusception
Kemps ridley, line coming from mouth and cloaca, no hook
Plication documented, surgery performed
In both cases, the turtles would not have survived without surgery

- Ultrasound used to document plication
- Ultrasound can detect hooks and location
- Portable so could be used to further evaluate long line fisheries
- $12,000 to $15,000 for a decent portable unit
Subadult loggerhead

- Presented in a moribund state and died
- Xrays revealed hook
- Trauma to head
- Hook id as Mexican or Cuban shark longline fisheries
- Hook in distal esophagus with line in stomach and proximal small intestine
- Plication and intussusception
Trauma to head and hook noted on xray
Hook in distal esophagus with line extending through the lumen of the stomach into the proximal small intestine
Intussusception and plication noted
NMFS specialist IDed as a Cuban or Mexican long line fisheries hook