

Sea Turtle Medicine in the Maldives

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Lead Veterinary Surgeon

Olive Ridley Project



**OLIVE RIDLEY
PROJECT**

Registered Charity in the UK #1165905



01 Rescue & Rehabilitation

02 Scientific Research

03 Education & Outreach



Milestones to Date

>200 Sea turtle patients treated since the project began

>10k tons of ghost gear recovered

>107 Sea turtle patients released since the project began

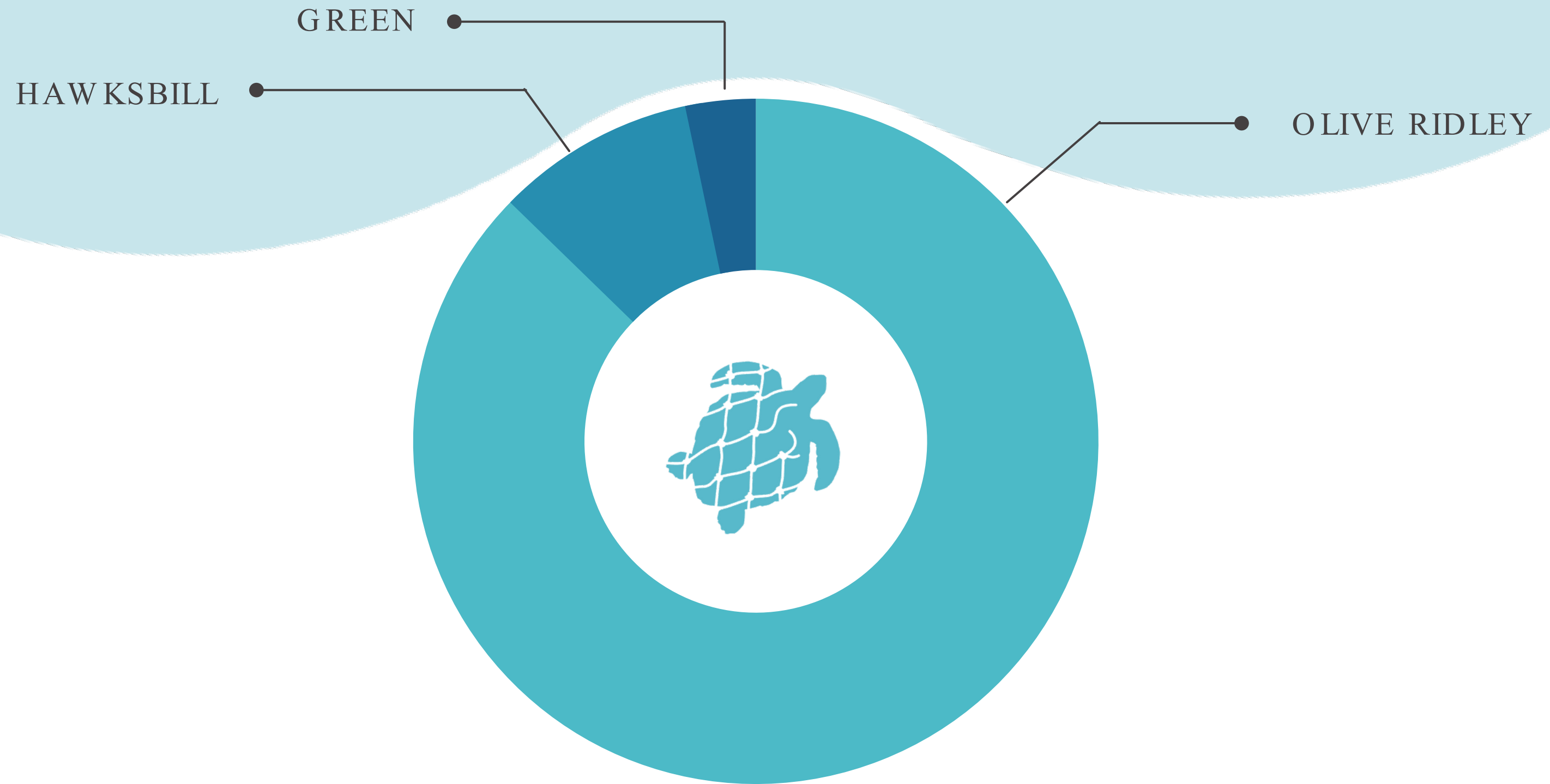
>4k tons of ghost gear recycled & repurposed

>6k Individual sea turtles identified in the Indian Ocean

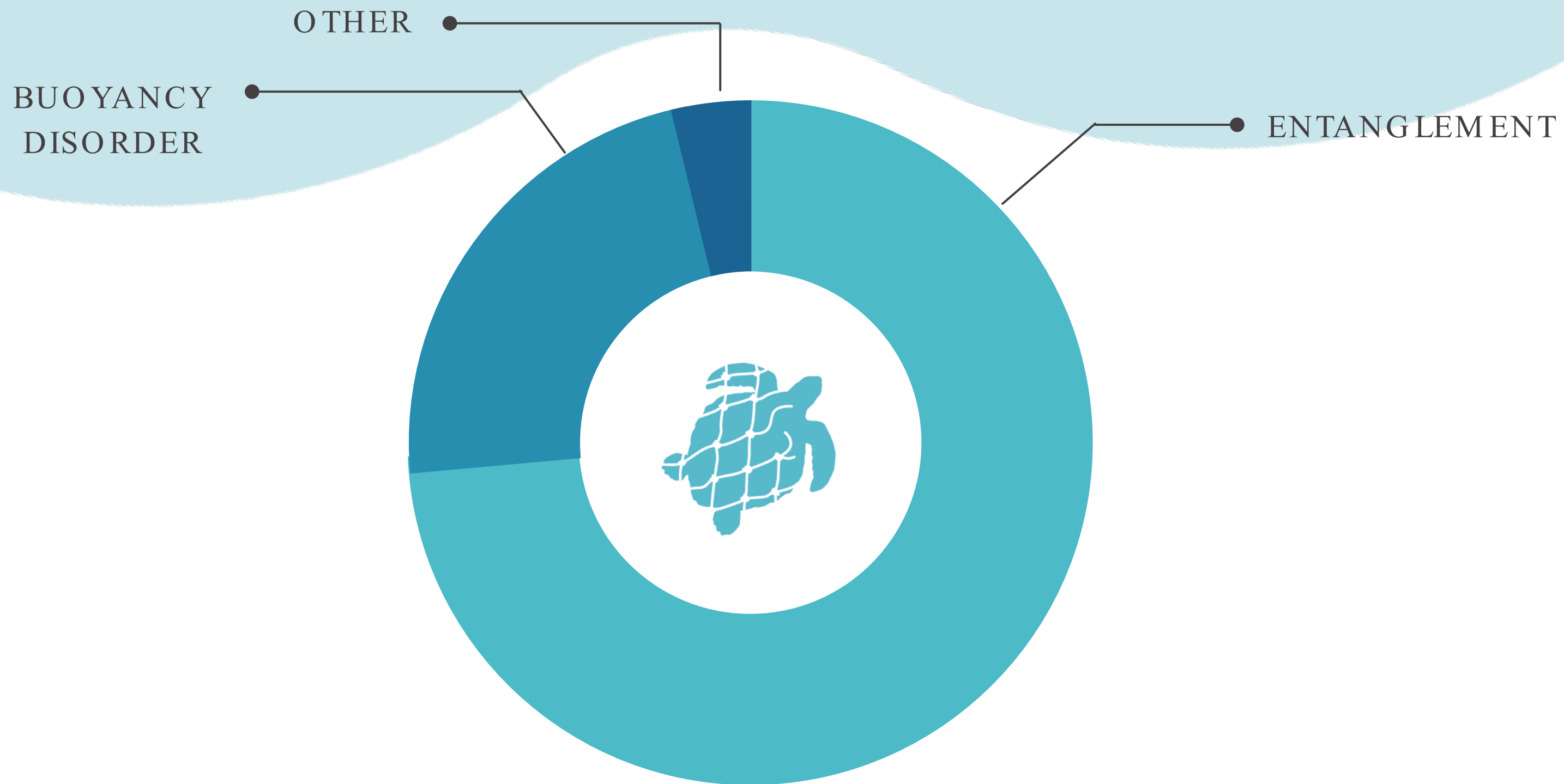
>7k children educated in 5 countries (as well as >300 online students)



Which species present to the Marine Turtle Rescue Centre ?



Presenting clinical conditions at the Marine Turtle Rescue Centre





VISION: TO BECOME THE
'SEA TURTLE UNIVERSITY'
ADVANCED CLINICAL TEACHING HOSPITAL
MULTI-DISCIPLINE RESEARCH PROGRAMME
PROFESSIONAL TRAINING CENTRE



Our Current Veterinary Capacity

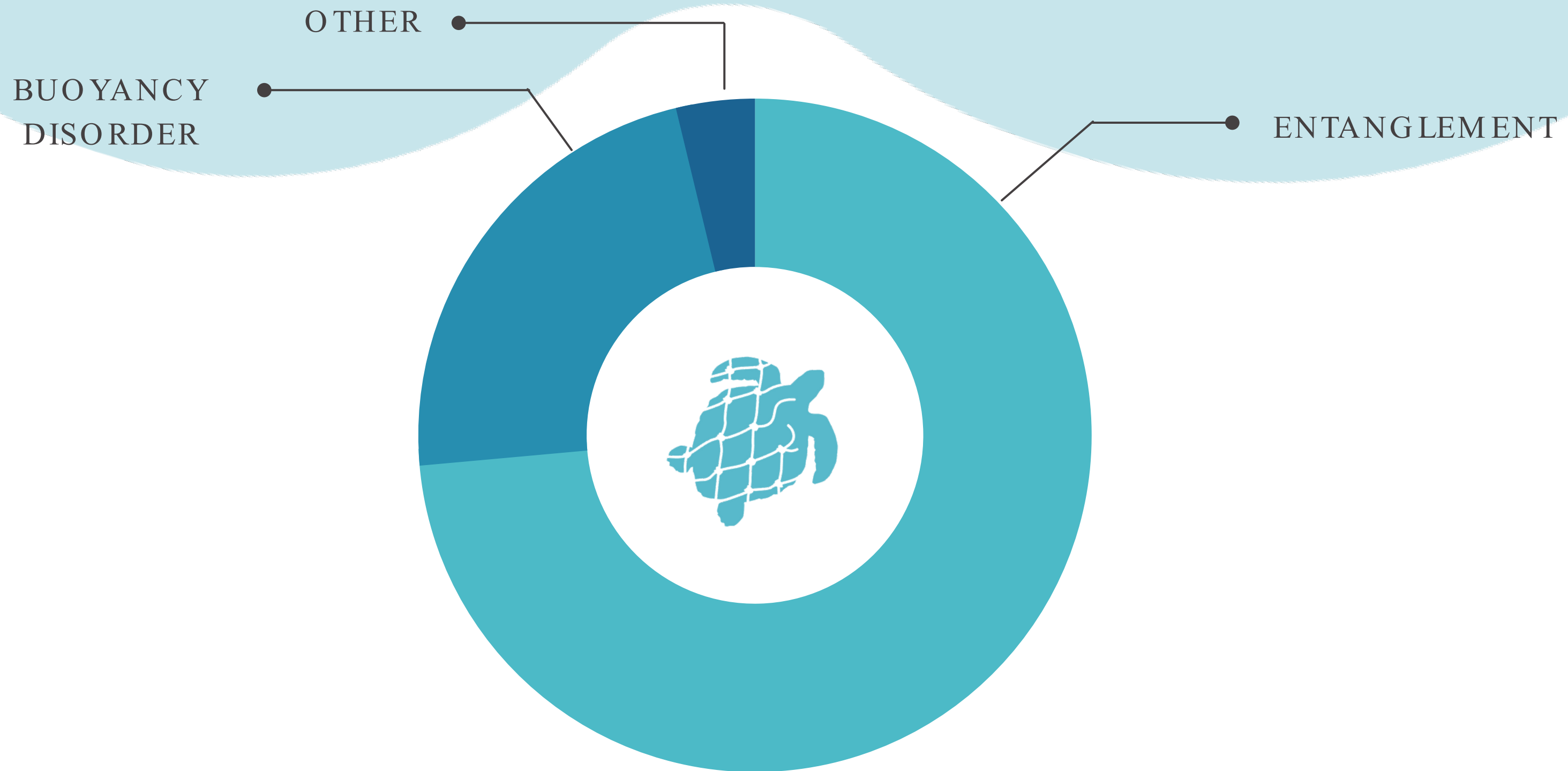
Lead Veterinary Surgeon
Resident Veterinary Surgeon
Qualified Veterinary Nurse
Veterinary Programme Officer



Digital Radiography
Clinical Chemistry / Blood Laboratory
Endoscopy
Ultrasound
Photobiomodulation (Class 4 Laser)
Surgery



Presenting clinical conditions at the Marine Turtle Rescue Centre





ENTANGLEMENTS

CURRENT STANDARD OF CARE : CONVENTIONAL
WOUND MANAGEMENT WITH SELECTED
AMPUTATIONS

DEVELOPMENT OF LIMB SALVAGING PROTOCOL
TO INCLUDE
CELLULAR~MOLECULAR~INTEGRATIVE MEDICINE



LIMB SALVAGING PROTOCOL

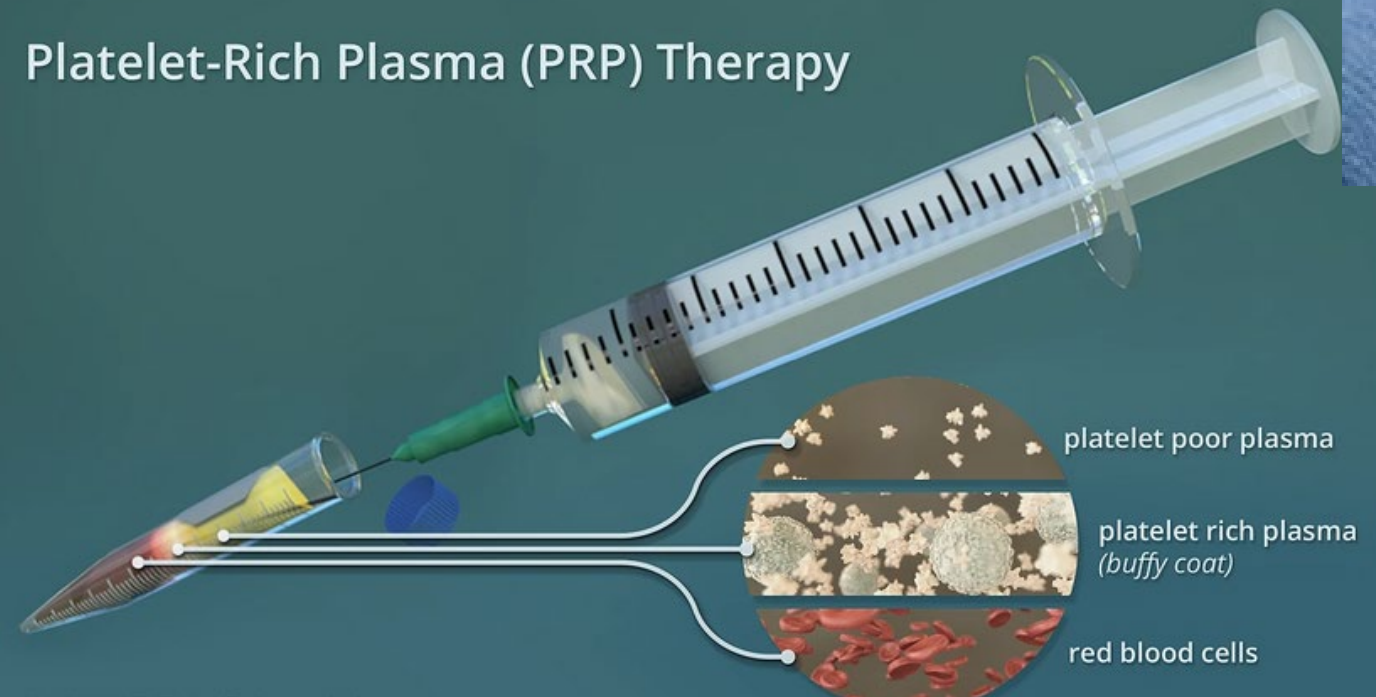
LASER THERAPY



STEM CELL THERAPY



Platelet-Rich Plasma (PRP) Therapy



ACUPUNCTURE

E



LIMB SALVAGING PROTOCOL



BUOYANCY DISORDER

COMPREHENSIVE APPROACH - PULMONARY / GI / MIXED

TARGETED EXTERNAL WEIGHT

THERAPY

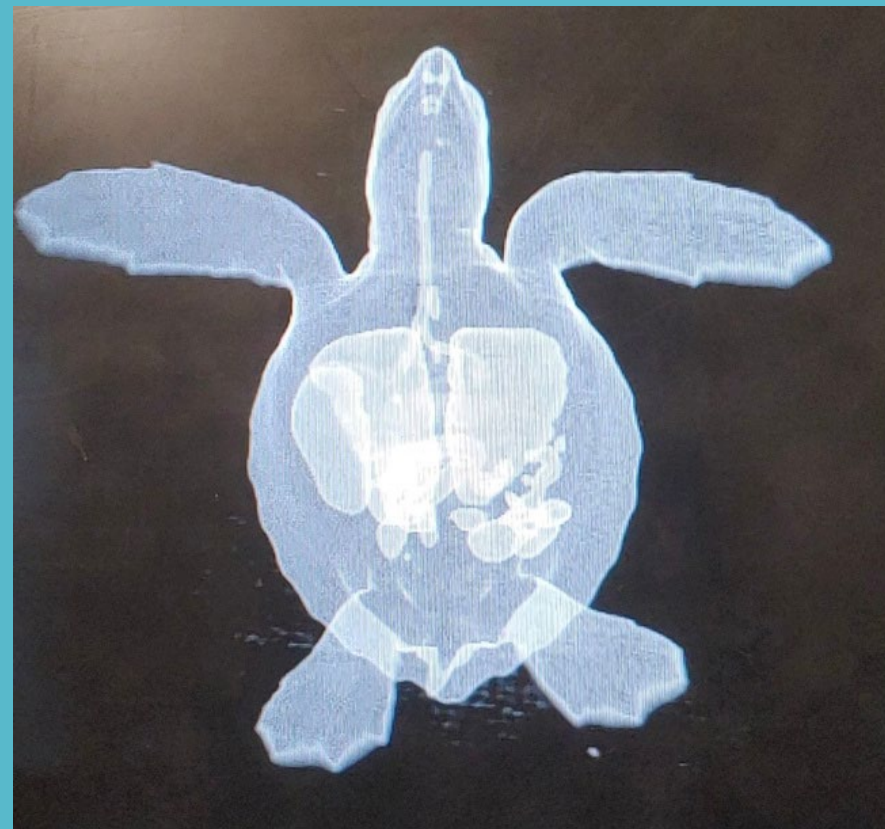
NEBULISATION

CENTESIS

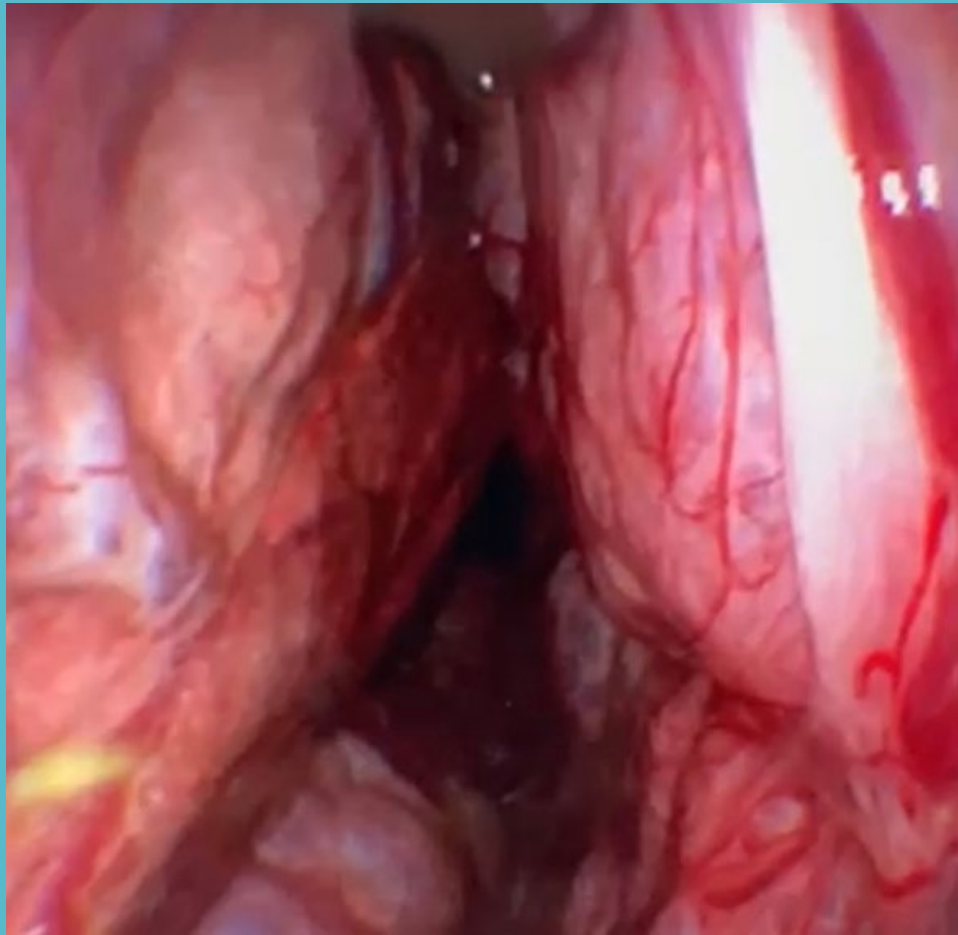
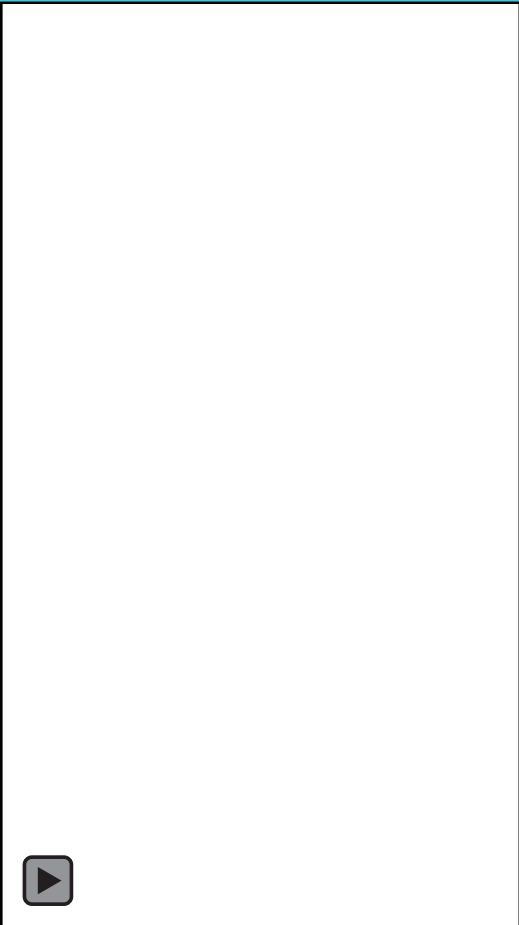
BLOOD PATCHES

SEA CAGE

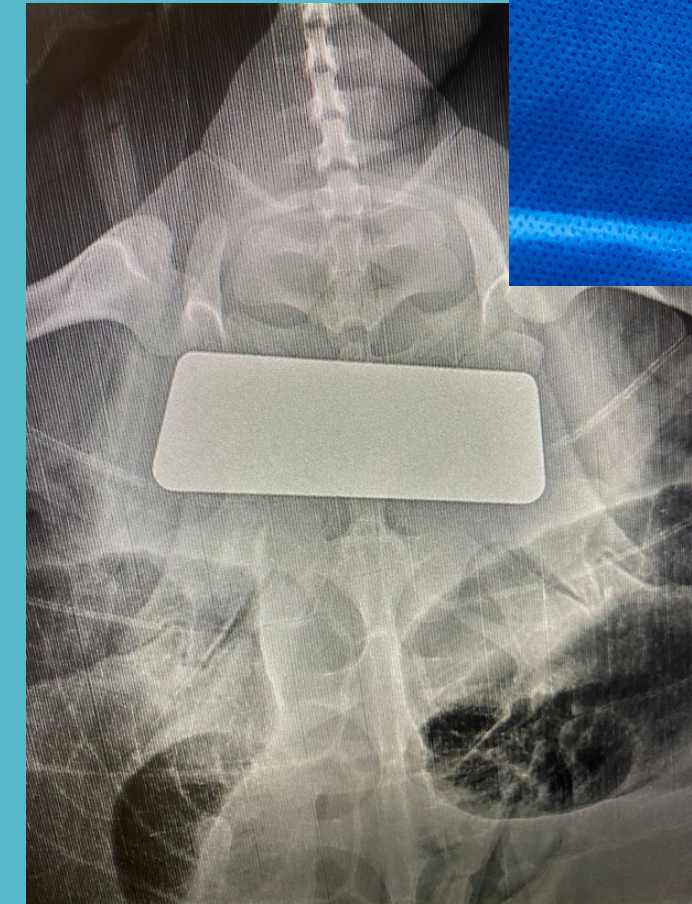
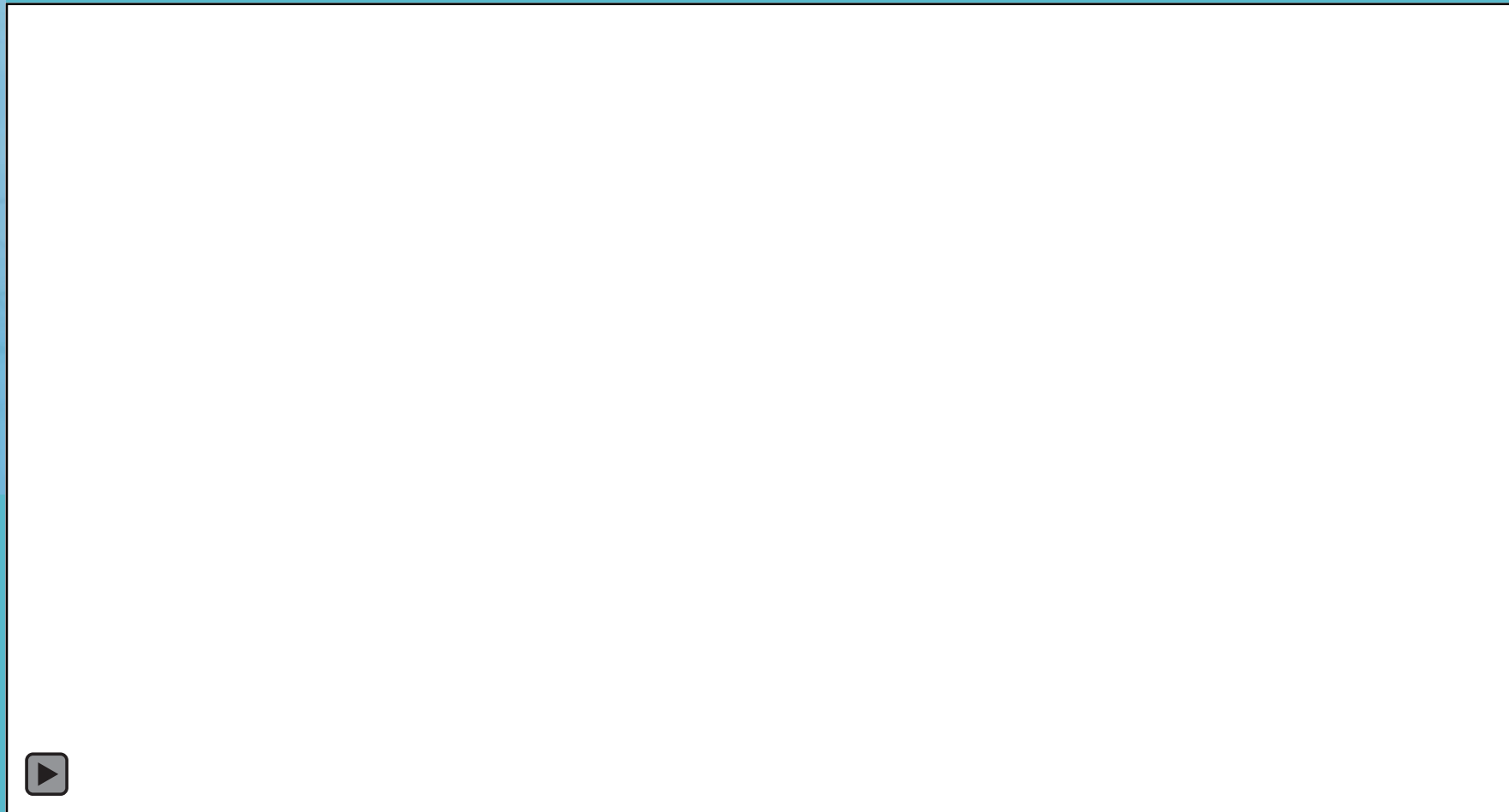
SURGICAL IMPLANTS



BUOYANCY DISORDER



BUOYANCY DISORDER



INTEGRATIVE RESEARCH PROGRAMME

GOAL: INCREASE KNOWLEDGE OF SEA TURTLE HEALTH IN REGION

MULTI-YEAR GRANT

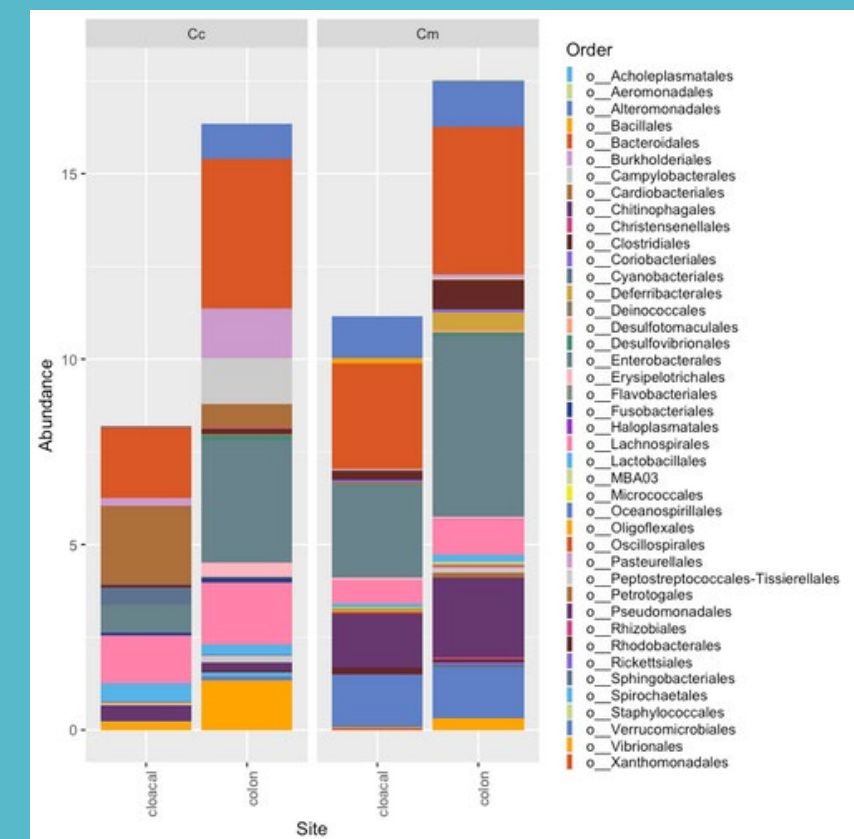
SEA TURTLE HEALTH REFERENCE DATABASE

HOSPITALISED & WILD ANIMALS

CLINICAL BLOODWORK & GUT MICROBIOME



75
YEARS
HELPING
ANIMALS



PROFESSIONAL TRAINING CENTRE

VISITING VETERINARY PROGRAMME

SEA TURTLE RESCUE ALLIANCE - FOUNDING MEMBER

1ST REGIONAL VETERINARY TRAINING INTENSIVE

(THAILAND, 2023)



Many thanks!



@oliveridleyproject



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