

The following risk assessment and control plan was developed by the Irukandji Shark & Ray Encounters, Bobs Farm when conducting a walking/wading experiences in our aquarium. The experiences consist of an entry into our aquarium (majority of which is 900mm deep -with a no go section of 2.3m deeper section), wandering around viewing the species of shark and ray whilst feeding and interacting with them.

No	Hazard	Who at Risk	Likelihood	Consequences	Risk Rating	Controls	Immediate measure if risk occurs
1	Tripping -in the tank	All participants	Rare	Minor	Very Low	Either walking down the steps or in the tank there is a small risk of falling over. The steps have a rail which keeps people steady. Worse case is tripping up the stairs, but the stairs have rubber tread as protection.	Assistance from Staff
2	Tripping - carpark to the tank	All participants	Rare	Minor	Very Low	From the carpark to the tank it is level. Very few if any tripping hazards	Assistance from Staff
3	Tripping - shallow pool	All participants	Rare	Severe	Low	Artificial rock surrounds the crab pool. If a person clammers over the rocks, there is the risk of tripping and striking their head on concrete or falling into the pool. All groups are instructed not to clamber on rocks, plus there is signage.	No access zone for students. First aid if necessary
4	Hitting Head on Obstructions	All participants	None	Minor	Very Low	All obstructions from overhead have been blocked off from public.	Assistance from Staff. First aid if necessary

Irukandji Shark & Ray Encounters
RISK ASSESSMENT AND HAZARD CONTROL PLAN

5	Falling Off viewing platforms	All participants	Unlikely	Severe	Very Low	Viewing platforms exceed Australian Standards.	Assistance from Staff. First aid if necessary
6	Entanglement with nets or underwater obstacles.	All participants	Rare	Insignificant	Very Low	Possible entanglement in divider nets. Only 900mm water unlikely risk.	Assistance from Staff.
7	Rays	All participants	Unlikely	Major	Very Low	All Rays are chosen due to their inability to inflict a severe wound. Rays only come near participants at the feeding.	Assistance from Staff. First Aid if necessary
8	Shark	All participants	Unlikely	Minor	Very Low	All sharks are chosen due to their inability to inflict a severe wound. Sharks only come near participants at the feeding.	Assistance from Staff. First Aid if necessary.
9	Ray Bite	All participants	Unlikely	Minor	Very Low	Rays will only bite if they are going for food. All participants can hand feed the rays. In with the large rays participants must wear gloves.	Assistance from Staff. First Aid if necessary.
10	Ray Strike	All participants	Unlikely	Minor	Very Low	Rays will only strike if they feel majorly threatened. Though this is possible, all stingrays in our facility do NOT have a barb.	Assistance from Staff. First Aid if necessary.
12	Carpark Accident	All participants	Unlikely	Severe	Very Low	A carpark accident is possible, but due to low traffic levels, high rates of visibility and no obstructions, it is considered an unlikely event.	Assistance from Staff. First Aid if necessary.

Overall assessment of experience is Very LOW (ie, 11x Very Low, 1 x LOW).

Irukandji Shark & Ray Encounters
RISK ASSESSMENT AND HAZARD CONTROL PLAN

**THE FOLLOWING RATING SCALES WERE USED
TO CONDUCT THIS RISK ASSESSMENT**
(Provided by UNSW)

CONSEQUENCES

Level	Descriptor	Examples
1	Insignificant	Injuries not requiring first aid
2	Minor	First aid required
3	Moderate	Medical treatment required
4	Major	Hospital admission required
5	Severe	Death or permanent disability to one or more persons

LIKELIHOOD

Level	Descriptor	Examples
A	Almost certain	Is expected to occur in most circumstances
B	Likely	Will probably occur in most circumstances
C	Possible	Could occur at some time
D	Unlikely	Not likely to occur in normal circumstances
E	Rare	May occur only in exceptional circumstances

RISK RATING MATRIX

Likelihood	Consequences				
	Insignificant 1	Minor 2	Moderate 3	Major 4	Severe 5
Almost certain A	Medium	High	High	Very high	Very high
Likely B	Medium	Medium	High	High	Very high
Possible C	Low	Medium	High	High	Very high
Unlikely D	Low	Low	Medium	Medium	High
Rare E	Low	Low	Medium	Medium	Medium