

Spinal Outreach Team

Queensland
Spinal
Cord
Injuries
Service

Environmental Control System (ECS) Assessment Tool

Client Information

Name: _____
Date of assessment: _____
D.O.B: _____
Address: _____
Contact Ph: _____
Level of Injury: _____
Funding: _____
If NDIA funded: Core: <input type="checkbox"/> self-managed <input type="checkbox"/> plan-managed <input type="checkbox"/> NDIA managed Capital: <input type="checkbox"/> self-managed <input type="checkbox"/> plan-managed <input type="checkbox"/> NDIA managed Capacity: <input type="checkbox"/> self-managed <input type="checkbox"/> plan-managed <input type="checkbox"/> NDIA managed
Home ownership: _____

SPINAL INJURIES UNIT

Ph: 3176 2215
Fax: 3176 7462

OUTPATIENT
DEPARTMENT
Ph: 3176 2641
Fax: 3176 5644

Postal and Location

Princess Alexandra Hospital
Ipswich Rd
Woolloongabba QLD 4102
AUSTRALIA

TRANSITIONAL
REHABILITATION
PROGRAM
Ph: 3176 9508
Fax: 3176 9514

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trp@health.qld.gov.au

Postal
PO Box 6053
Buranda, QLD, 4102

Location
3rd Floor, Buranda Village
Cnr Cornwall St & Ipswich Rd
Buranda, QLD, 4102
AUSTRALIA

SPINAL OUTREACH
TEAM
Ph: 3176 9507
Freecall 1800 624 832
(for regional clients)
Fax : 3176 9514

Email
spot@health.qld.gov.au

Postal
PO Box 6053
Buranda, Q, 4102

Location
3rd Floor, Buranda Village
Cnr Cornwall St & Ipswich Rd
Buranda, QLD, 4102
AUSTRALIA

Reason for referral	
Describe client's goals for ECS <ul style="list-style-type: none"> • Short-term • Long-term What would you like to try and or do?	
Experience	
<ul style="list-style-type: none"> • Describe Tech familiarity pre-injury • What have you previously enjoyed? • Current ECS usage – what are you currently doing? • Outcome of any previous trials (LifeTec, SIU) What did you like/ dislike? • General comfort & confidence with mainstream technology • Psychological readiness for and acceptance of ECS 	

Functional Assessment	
Describe client's functional abilities <ul style="list-style-type: none"> • UL, hand dominance, ROM • Head, neck and chin function • Voice – volume, clarity, endurance • Spasm, pain, fatigue • Splints – type, regime • Sitting tolerance & postural considerations • Mobility, LL function 	
<ul style="list-style-type: none"> • Cognitive function, learning, memory • Visual function 	

<p>Describe client's functional ability <i>when using their primary mean of mobility</i></p> <ul style="list-style-type: none"> • Include ability to access switch, keyboard, smart phone, tablet, power chair controller, standard remotes (if known) • INCLUDE PHOTOS AND VIDEOS IF POSSIBLE 	
<p>Describe client's functional ability <i>when lying in bed</i></p> <ul style="list-style-type: none"> • Include ability to access switch, keyboard, smart phone, tablet, power chair controller, standard remotes (if known) • INCLUDE PHOTOS AND VIDEOS IF POSSIBLE 	
Living situation & Social participation	
<ul style="list-style-type: none"> • Who does client live with? • What informal supports are available? • What formal supports are in place: List carer hours • What is a typical daily routine including when formal care present/not present? • Social communication: with whom and preferred method phone/text/email/facetime/whatsapp 	

Existing Equipment	
<p>Power chair</p> <ul style="list-style-type: none"> • Make/model • Controller type/operating system • Postural support considerations <p>Electric bed</p> <ul style="list-style-type: none"> • Size, brand <p>Overbed table in situ?</p> <p>Mounting – any existing mounting in place on chair or bed?</p>	

Existing technology devices

Does client have (or plan to purchase) any

- Pre-existing technology e.g. phone, tablet, computer or
- Home automation devices that are already in place that can be integrated?
- Other links such as gaming consoles/intercom/cameras

Trial recommendations and requests

How would the client like to operate the ECS?

- Direct touch without other aid
- Direct touch with switch/ scanning
- Voice
- Mouth
- Chin
- Head
- Other

Notes

Access Checklist

Use this checklist to have a conversation with the client about what devices or appliances they would like to access/control and how. Ask the following style questions;

- Do you need to access this device? Or are you happy for a carer/family member to do this for you?
- If you would like to access this device, can you use the regular remote or switch, perhaps with the assistance of an aid e.g. splint? Or do you require an ECS?
- For appliances requiring an ECS for access, record all information available about the device or appliance and number of devices or appliances (e.g. brand of TV, 3 TVs in house. Lights – need access to down lights in bedroom, but not in kitchen).
- Repeat these questions for the two outlined scenarios: “when you are in your chair” and “when you are in your bed”

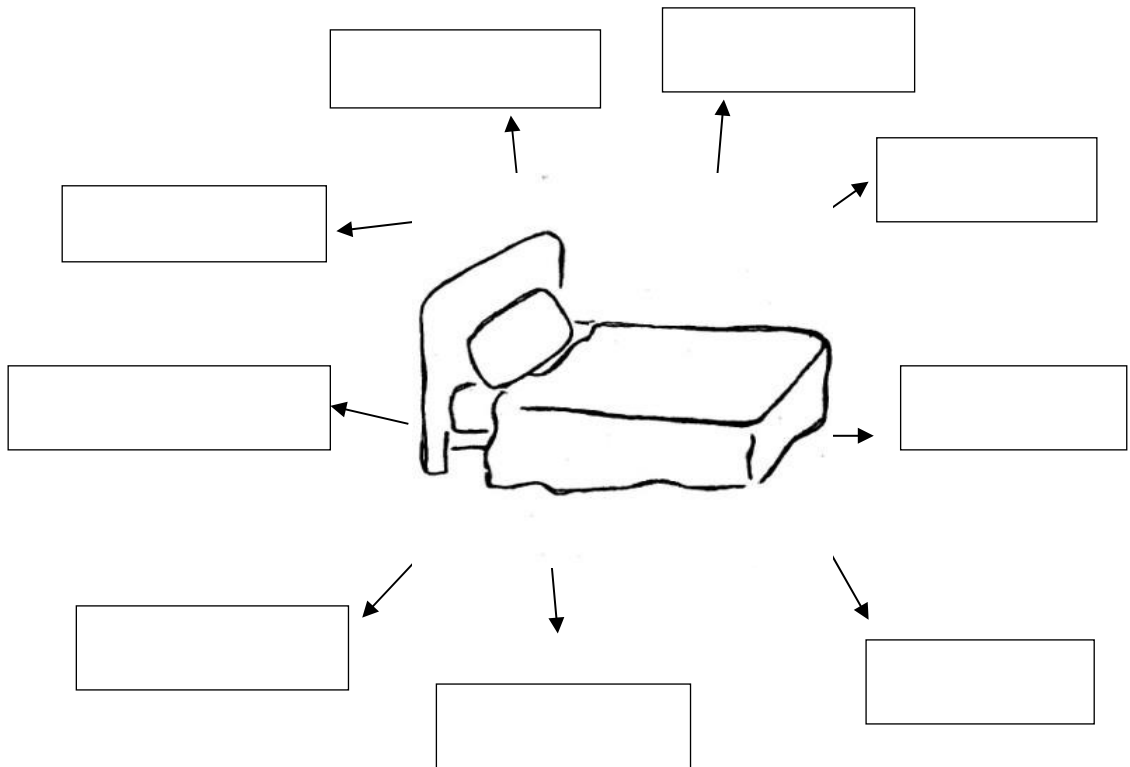
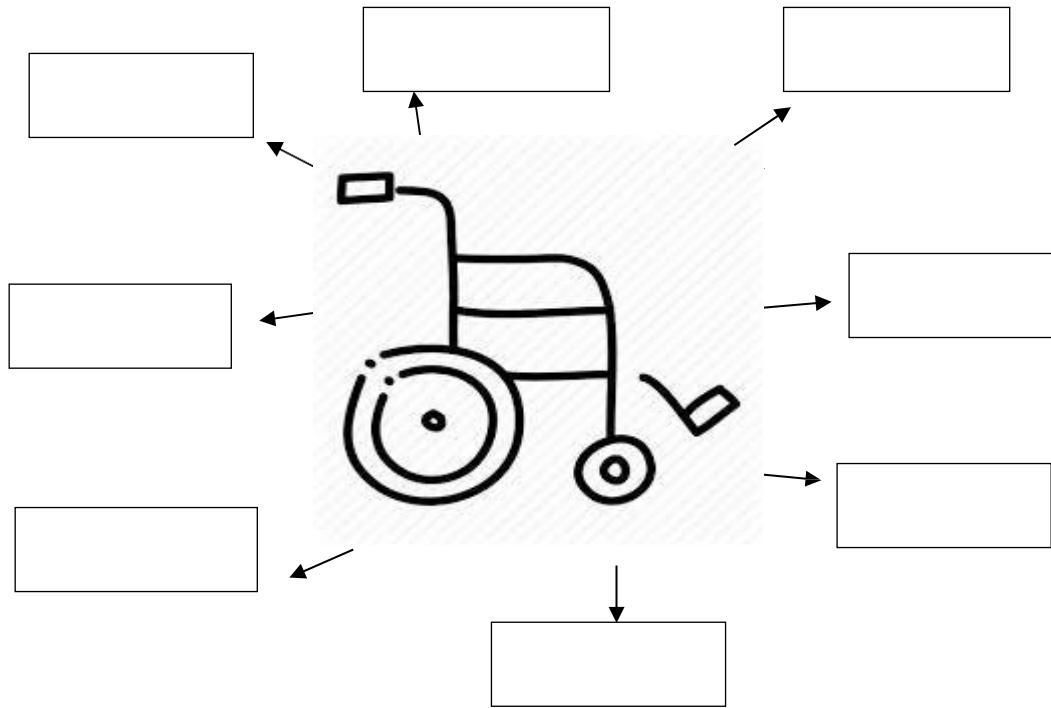
Devices / Appliances	From chair	From bed	Record details: Location, make, model and number of
Entertainment			
TV 1 (+ Foxtel, Stan, Netflix etc)	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method +/- an aid <input type="checkbox"/> Need ECS	
TV2 (+ Foxtel, Stan, Netflix etc)	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
DVD	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Music e.g. Stereo, CD, Bluetooth speaker/ headphone	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Home access			
Automatic doors	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Home security / cameras	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Home garage	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	

Devices / Appliances	From chair	From bed	Record details: Location, make, model and number of
Positioning			
Bed electronics	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Communication			
Landline phone	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Emergency Call	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Lighting			
Lights1 – (installed)	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Lights 2 – (installed)	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Lamps (plug in)	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Powered blinds or curtains	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Temperature regulation			
Air-conditioning	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> ducted <input type="checkbox"/> Split system
Ceiling fans	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Portable standing fan	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	

Devices / Appliances	From chair	From bed	Record details: Location, make, model and number of
Technology			
Mobile Phone	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Tablet	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Computer / laptop	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Other			
Other appliances Eg. Robot vacuum	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	<input type="checkbox"/> Don't need to access <input type="checkbox"/> Can use regular method (+/- an aid) <input type="checkbox"/> Need ECS	
Other			

Notes

Summary of Access Goals



Last Reviewed December 2020
Review Due December 2022

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