

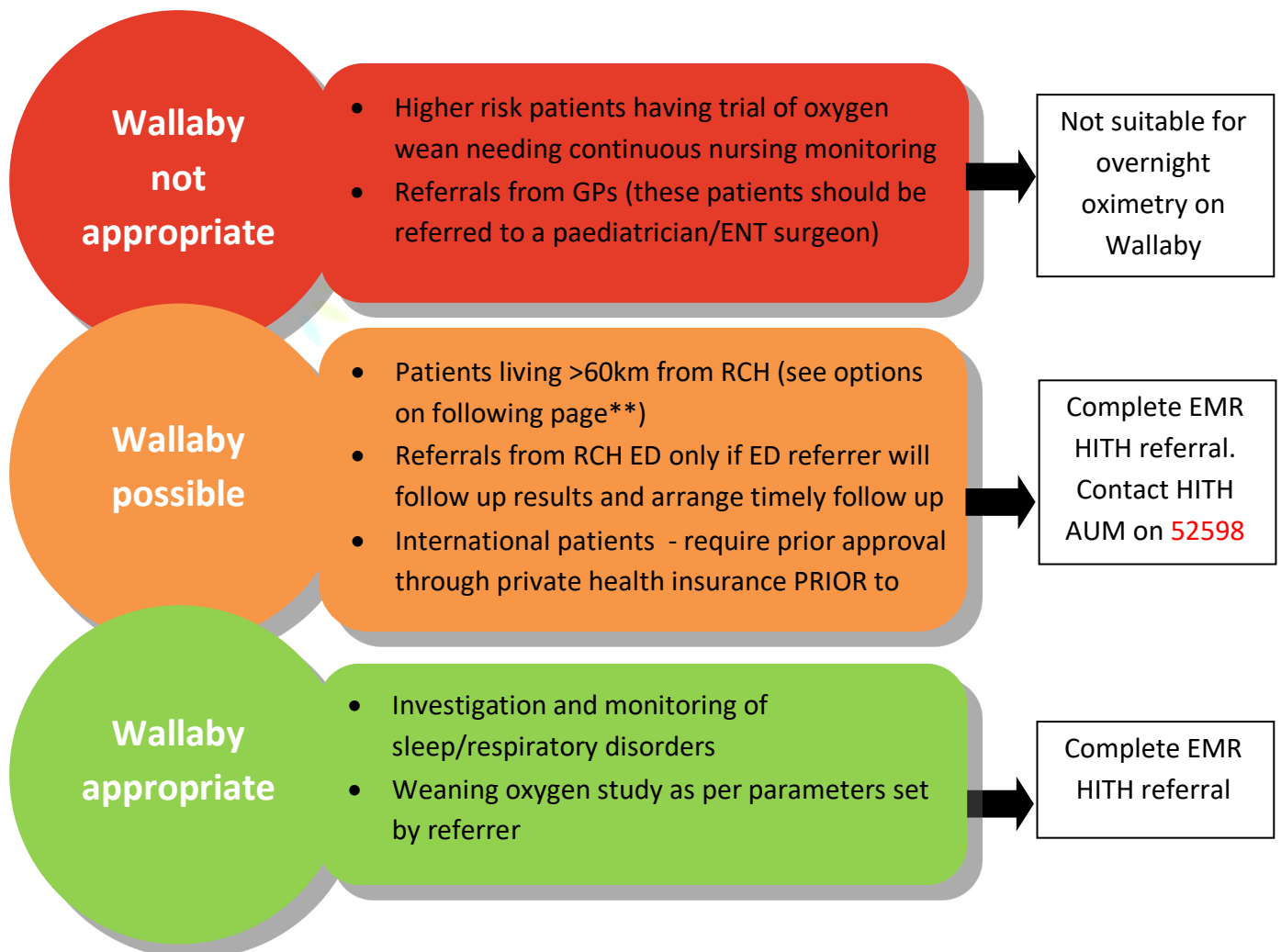


Overnight oximetry



Overnight oximetry studies can be organised in the home for investigation and monitoring of sleep/respiratory disorders and oxygen weaning. The Hospital in the Home (HITH) service (Wallaby ward) accepts internal referrals through RCH and external referrals from paediatricians and ENT surgeons. The referrer is responsible for reviewing and following up results of the study. As with all HITH admissions, this requires a safe home environment and consent.

HITH (Wallaby) admission criteria and protocol



Prior to HITH admission:

- Referrer to complete EMR HITH referral (external providers to fax/email overnight oximetry request form to Wallaby ward, form available on RCH Wallaby webpage: <https://www.rch.org.au/wallaby/resources/for-clinicians/>)
- Required information on referral:
 - Confirm correct mobile phone number and address
 - Specify urgency and indication for study with brief clinical details
 - Follow prompts on referral: specific requirements eg oxygen requirement, alarm limits for patients weaning oxygen or respiratory support: all need to be clearly documented



HITH protocol – nursing and medical

Booking process

- A letter with HITH contact details should be printed and given to the family on completion of the referral during face-to-face visits (or automatically posted to the family if seen via telehealth)
- Once the referral is reviewed and accepted by HITH the family will receive a text message
- As per instructions in the text message the family are asked to call HITH to book the study
 - A maximum of 3 text messages and one letter will be sent reminding the family to book
 - If no response is received by HITH the referral will be cancelled and the referrer notified
- Once the family contact HITH, the study will be booked according to the oximetry booking protocol, and depending on study urgency

Wallaby care requirements

Patients within 60km of RCH may choose one of the follow options:

1. HITH RN will drop off oximeter and demonstrate how to use and provide diary to complete.
2. HITH RN will provide 'contactless' delivery with set-up/troubleshooting instructions, diary and demonstration of use via telehealth
3. Family may collect the oximeter machine and paperwork from HITH with direct or telehealth demonstration of use

Wallaby staff will collect oximeter and diary the following day (may be left outside if safe to do so)

Procedure for results/follow up

Oximetry studies will be formally reported within 2 weeks of study completion. If urgent download/report required please note this on referral form and verbally discuss with Wallaby AUM (who should notify Respiratory Department oximetry nurse co-ordinator of urgency)

Referrer is responsible for following up results with family

Potential issues

Oximeter alarming/machine concerns – family will have set up and troubleshooting guide, Wallaby AUM to assist as required

<6 hours of data – if data inadequate or poor quality the study may need to be repeated. The reporting doctor will advise the Wallaby team who can rebook the study

**Options for patients living >60km from RCH

- 1) Stay locally either with family/friends or self-funded accommodation. Oximeter exchange/education options as above.
- 2) Complete oximetry study in Care by Parent (currently Saturday night only). Accommodation free of charge but family responsible for all other expenses incurred including parking and food. 1x parent able to stay overnight in single bed adjacent to patient. Wallaby RN will meet family to drop off and pick up oximeter within RCH
- 3) Family can attend RCH to pick up/drop off oximeter at pre-arranged times with Wallaby RN meeting family within RCH. Often allow 2-day study if distance large in case of quality issues.

Last update Jun 2020