



NSW Paediatric Rehabilitation Services

Education & Training Strategy

Using technology to advance the education and training of all professionals caring for children requiring complex rehabilitation

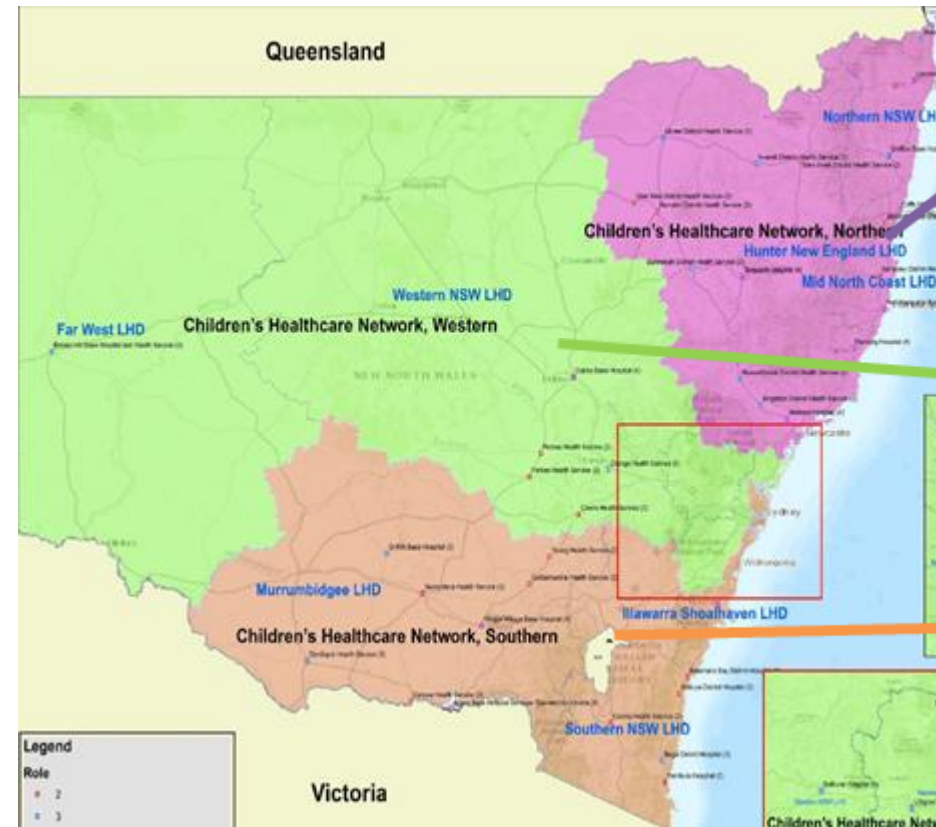
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NSW PRS



HNEkidsRehab
JHCH, HNELHD
CHN-Northern

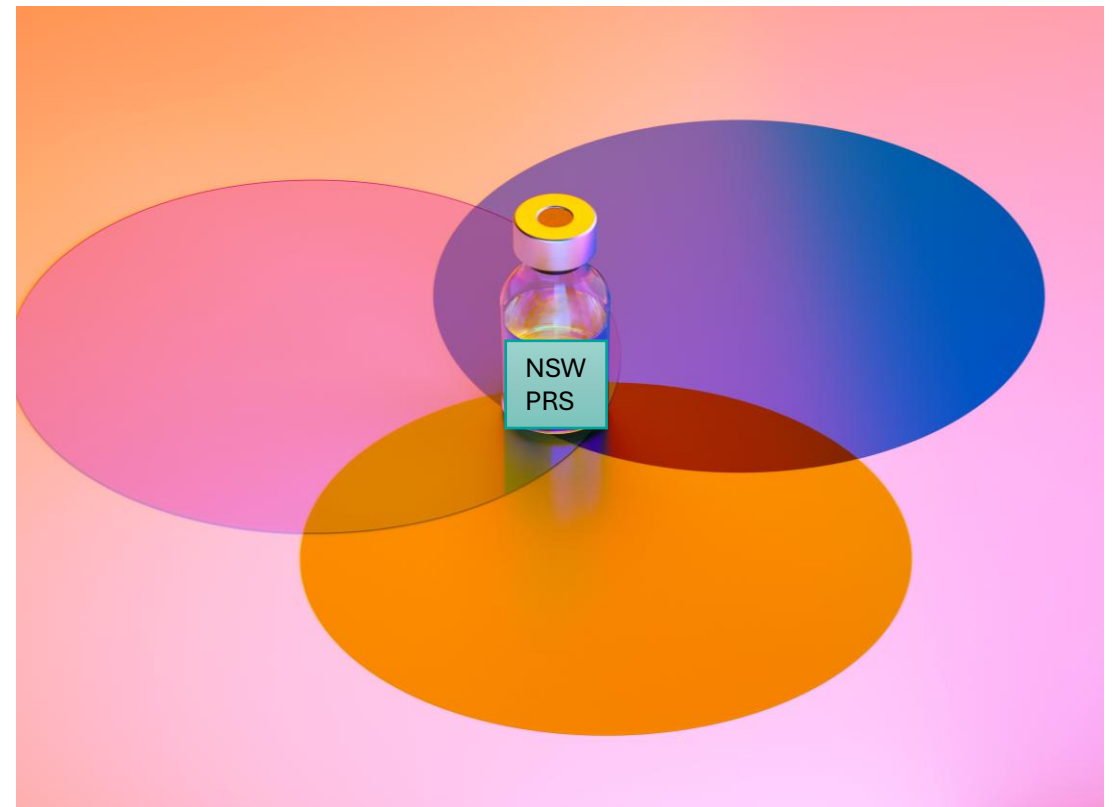
KidsRehab
CHW, SCHN
CHN-Western

Rehab2Kids
SCH, SCHN
CHN-Southern

Need for an Education Strategy

- Clinician feedback
- Enable patients to access tertiary rehab even if they don't live closely to a PRS facility
- Backed by research

**Recommendation from Ministry of Health*



AIM:

Provide consistent, evidence-based education to all staff caring for children with complex rehabilitation needs.

Key Objectives

- Centralise storage of resources
- Develop education platforms to share information across PRS and with external staff
- Minimise duplication by leveraging existing materials

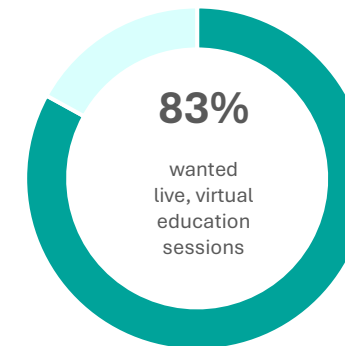
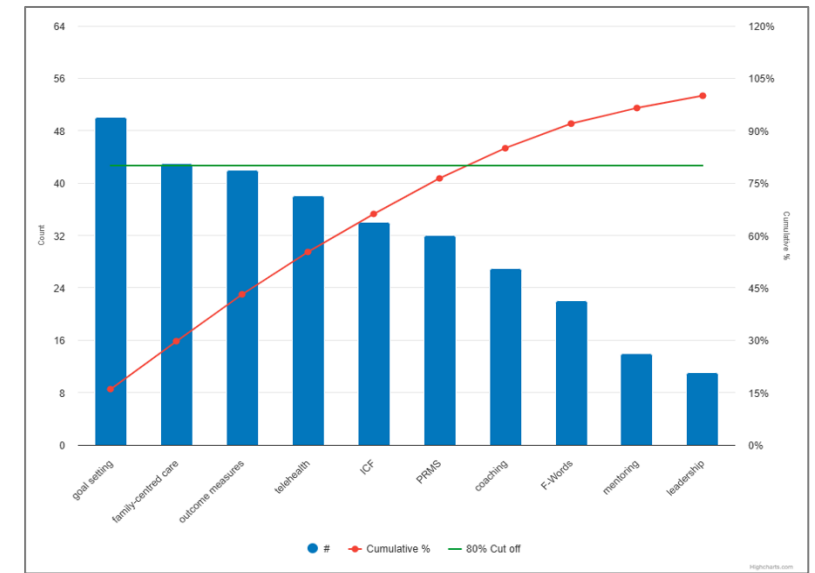


Key Strategies

- Analysis of feedback
- Education Advisory Committee
- Appointment of an Education Support Officer
- Staged roll out approach

Fact Finding

- **Survey (2021):**
 - Part of development of MoC
 - **What do PRS staff want to learn?**
 - Goal setting, family centred care
- **Survey (early 2022):**
 - **What do non-PRS staff want to learn?**
(54% wanted any education that was available)
 - 94 non-PRS respondents
- **Survey (late 2022):**
 - **What are PRS staff asked to provide education on?**
 - 29 PRS respondents



- Top 3 topics requested:
1. **Paed rehab treatments**
 2. **New research**
 3. **Discipline-specific treatments**

Topic Area	Examples
Outcome Measurements	WeeFim /COPM
Treatments and interventions	Botox, ITB, SDR, Splinting, casting, spasticity
Assessments	Vision, gait analysis, PTA
Diagnostic specific	PEG & NG feed, Tracheostomy care e.g. suctioning
Goal Setting	
Equipment prescription	Pressure care

Survey of Paediatricians

- Identified that majority of our patients are managed between clinic visits by paediatricians and/or GPs.
- Surveyed known paediatricians (n = 12) in local area(s) regarding their confidence and ability.

Results

Diagnosis:

Cerebral palsy

was the **most common condition**
seen (100%)

The diagnosis with the **lowest confidence** in
management (100%) was

Achondroplasia

92% wanted **more information** about
managing patients with

Spina bifida

Treatments:

75% wanted more training on

Hip surveillance

70% wanted more training on

Spasticity and contracture management

Learning Format:

~30 minutes

was the **length of modules** requested

Written summary

to **follow any live content** (100%)

Incidental finding – more understanding about:

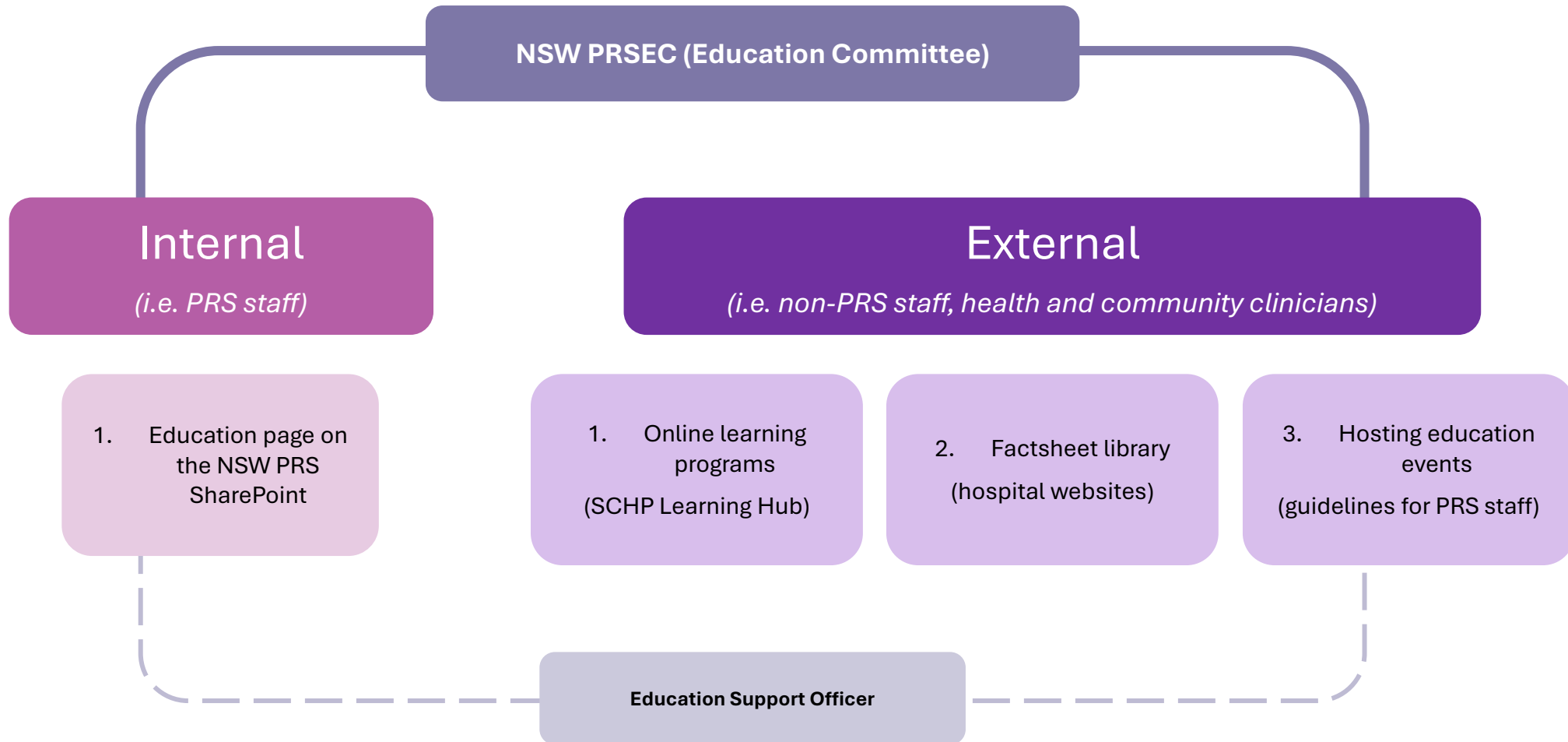
Referral pathways

Education Support Officer

- 12-month contracted position to commence early diagnostics and project work
- Key findings included:
 - PRS staff lack confidence in accessing SharePoint
 - Collaboration on education between PRS services limited
 - Written resources hard to find and not always up-to-date
- Developed suggested solutions for implementation of our education strategy

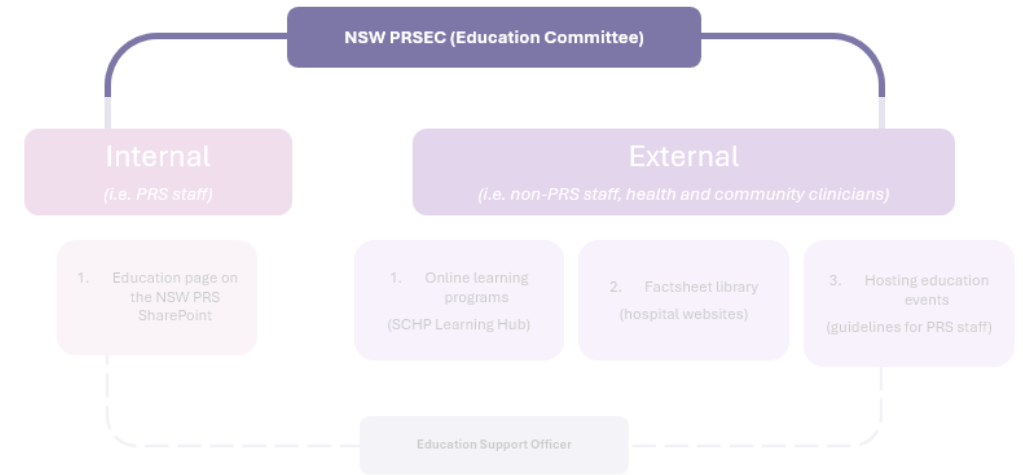


Change Initiatives



NSW PRSEC

- **NSW Paediatric Rehab Services Education Committee**
- Governance structure provides a framework for all education and training across NSW PRS
- Medical, Nursing, Allied Health and Education representatives
- Dual focus:
 1. PRS staff providing education **externally**
 2. PRS staff receiving education **internally**
- Further focus on high-impact activities, reducing duplication, sustaining initiatives



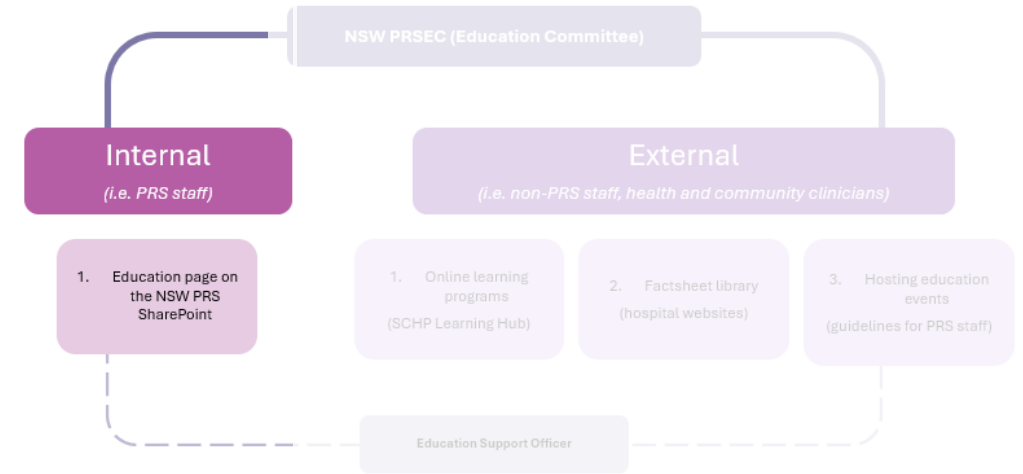
Terms of Reference

NSW Paediatric Rehabilitation Services Education Committee (PRSEC)

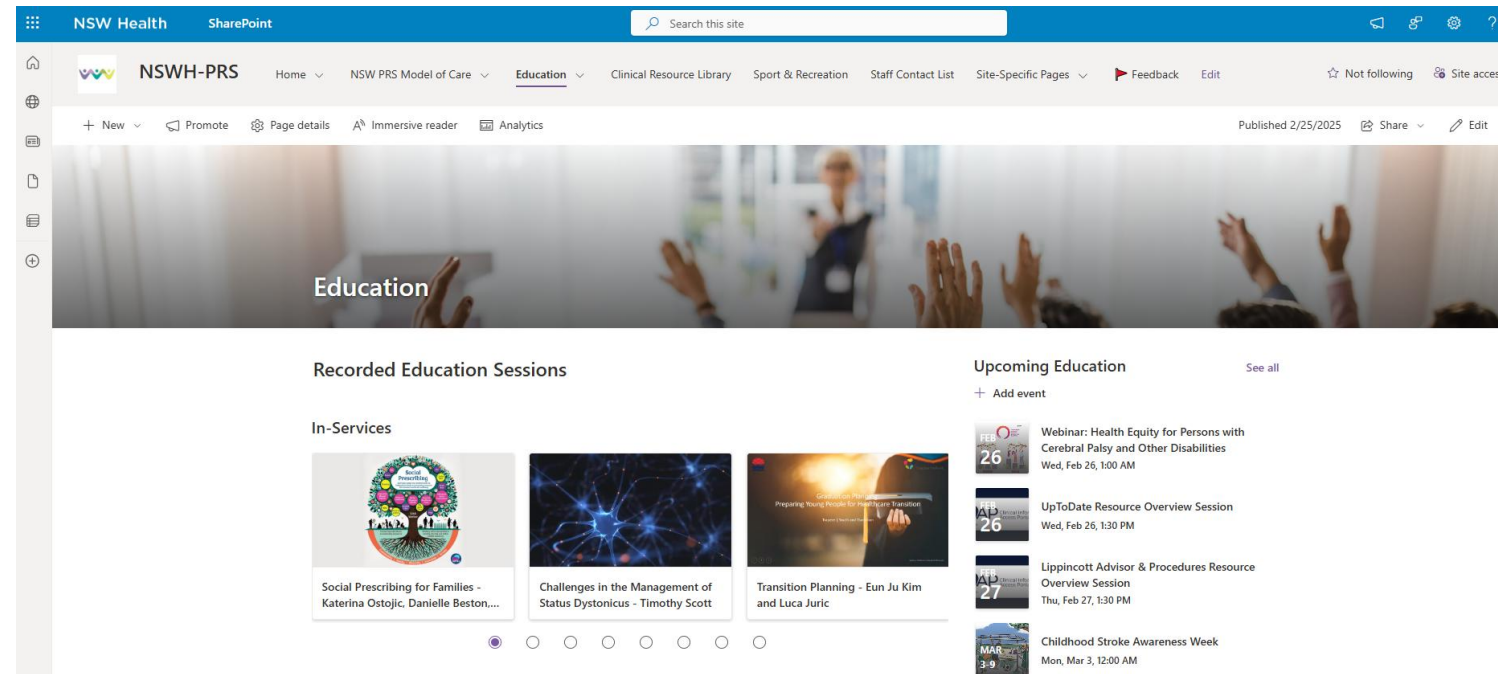
Purpose

The purpose of the NSW Paediatric Rehabilitation Services Education Committee (PRSEC) is to provide a governance structure to educational opportunities that are relevant to the NSW Paediatric Rehabilitation Services (PRS). The Committee reviews opportunities for PRS staff to receive education in the field of paediatric rehabilitation, and provides a framework around the provision of education and training by PRS

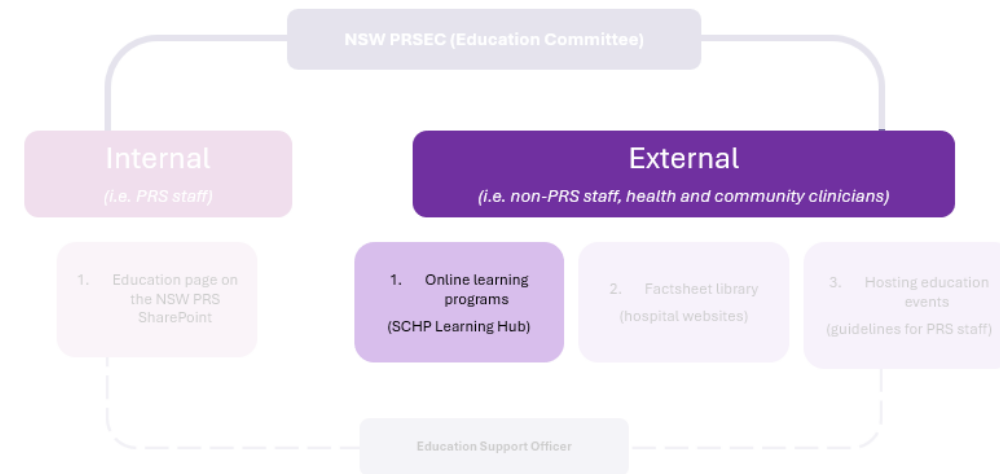
PRS Education Intranet



- Education page on the NSW PRS SharePoint
- One-stop-shop for all education recordings or events
- Automated, fortnightly newsletters
- In-built capacity for regular review and update of resources
- Traffic to SharePoint has improved significantly



SCHP Learning Platform

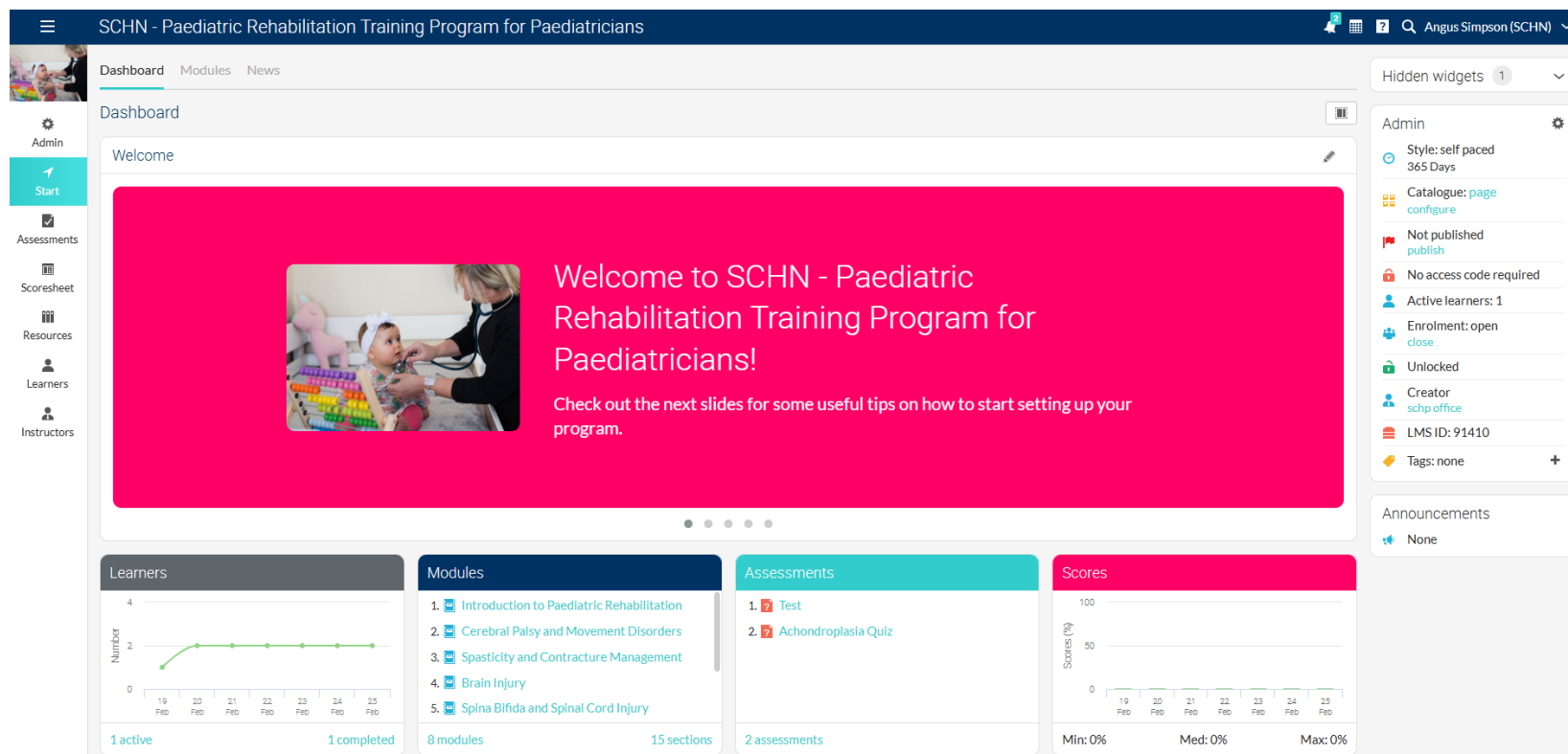


- An online learning platform offering paediatric education for all health professionals

- Functions include:

- Video content
- End-of-module quizzes
- Assessments and exams
- Bookmarks and reminders

- First pathway: Paediatric Rehabilitation training module for Paediatricians
→



SCHN - Paediatric Rehabilitation Training Program for Paediatricians

Dashboard Modules News

Welcome

Welcome to SCHN - Paediatric Rehabilitation Training Program for Paediatricians!

Check out the next slides for some useful tips on how to start setting up your program.

Admin

Style: self paced
365 Days

Catalogue: [page configure](#)

Not published
[publish](#)

No access code required

Active learners: 1

Enrolment: open
[close](#)

Unlocked

Creator
[schp office](#)

LMS ID: 91410

Tags: none

Announcements
None

Learners

Number

19 Feb 20 Feb 21 Feb 22 Feb 23 Feb 24 Feb 25 Feb

1 active 1 completed

Modules

1. Introduction to Paediatric Rehabilitation
2. Cerebral Palsy and Movement Disorders
3. Spasticity and Contracture Management
4. Brain Injury
5. Spina Bifida and Spinal Cord Injury

8 modules 15 sections

Assessments

1. Test
2. Achondroplasia Quiz

2 assessments

Scores

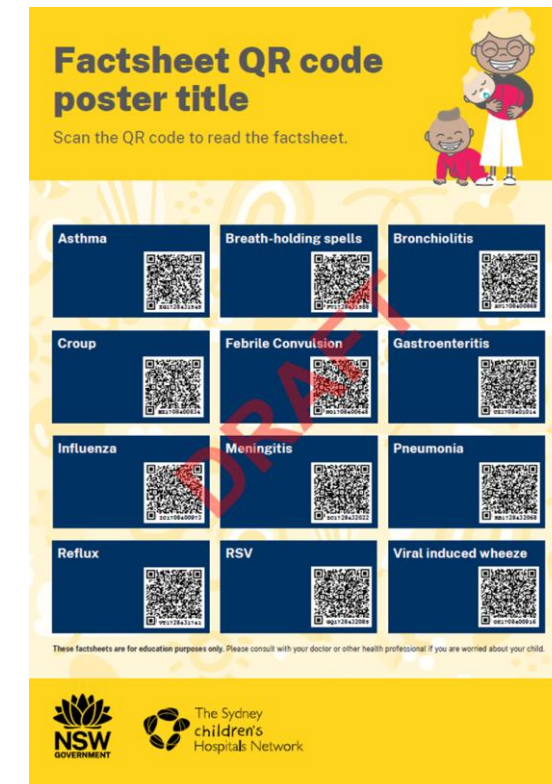
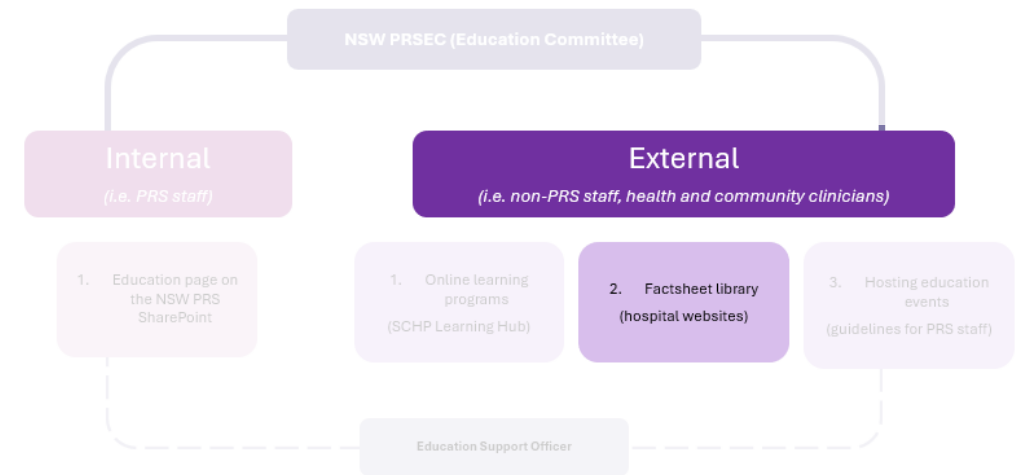
Score (%)

19 Feb 20 Feb 21 Feb 22 Feb 23 Feb 24 Feb 25 Feb

Min: 0% Med: 0% Max: 0%

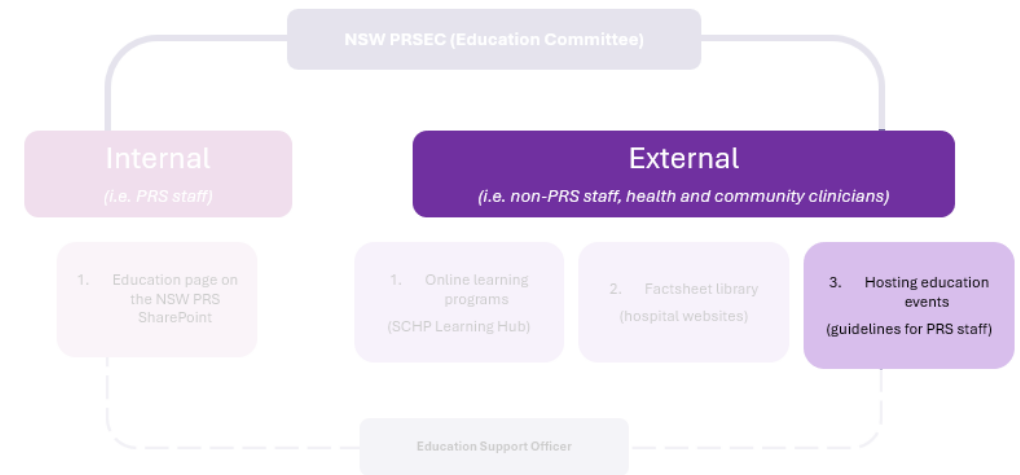
Factsheet Library

- Factsheets accessible on all hospital's websites for health professionals and families to access rehab information
- Coalesced information from over 150 factsheets, identified gaps in information, rebranded and reviewed by PR team
- Further opportunities include:
 - Factsheet 'posters'
 - Translation for CALD populations



Guide for Hosting Education

- Current state:
 - Ad-hoc and reactive
 - Staff time
 - Complex policies!
- How To Guide
 - Gathering consent
 - Content development
 - Room logistics
 - Catering
 - Software management
 - Roles and responsibilities



HOW TO GUIDE



Evaluation

Positives:

- SharePoint traffic has increased exponentially
 - Fortnightly news bulletin a huge factor
- Online platform (SCHP) has quickly expanded to other areas of Rehab (teacher education, interventions for CP)
 - Due to usability and availability of tech support

Areas for Improvement:

- Defining scope and impact of PRSEC
- Clinician time (clinical priorities)
- Knowledge of SharePoint processes
- Ensuring material is targeted enough without being too specific to one discipline or diagnosis

"The [online course] was very good and comprehensive

....As Gen Paeds we are often involved only briefly at the beginning so was good to hear what happens along the journey."
(Community Paed)

"Putting and sharing resources and having somewhere to find them has been so great."
(PRS staff)

"I know this course is directed to Paeds but I think our PT and OT would find the content useful too."
(Community Paed)

Future Directions

- Sustainability of ESO initiatives
- Broaden target audiences
- Expand library of resources
- Explore and utilise new technologies
- Annual education calendar
- Translation into operations (e.g. hybrid outreach clinics)



References:

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