



Online CPD videos now available



SWSPHN is committed to providing ongoing CPD opportunities for GPs and other health professionals in south western Sydney.

GPs are able to review these videos at their convenience, complete the associated evaluation form and receive a certificate of completion from the CPD team.

To access the online CPD videos, as well as the slides from previous CPD events, please go to the [HealthPathways Education \(SWS\)](#) page.

The education page also provides details on a range of other e-learning opportunities for GPs.

In addition to the face-to-face CPD events advertised in the [CPD Events Calendar](#), SWSPHN and HealthPathways has partnered to provide online recordings of selected CPD events.

The video '**Nuanced pregnancy care of subclinical and clinical thyroid disease**' is now available.

Clinical Pathway Spotlight: Antenatal Pathways

HealthPathways has partnered with the Antenatal Shared Care (ANSC) Program in South Western Sydney to develop localised content regarding the care of pregnant women.



Available Pathways

Pre-pregnancy planning

- [Pre-conception assessment](#)
- [Epilepsy in pregnancy](#)
- [Factor V Leiden in pregnancy](#)
- [Pre-pregnancy planning for type 1 and 2 diabetes](#)

Antenatal care

- [Antenatal first consult](#)
- [Antenatal shared care program](#)
- [Termination of pregnancy \(TOP\)](#)
 - [Follow-up TOP](#)

Pregnancy complications

- [Anaemia in pregnancy](#)
- [Asthma in pregnancy](#)
- [Bleeding in mid to late pregnancy](#)
- [Bleeding in rhesus negative women](#)
- [Diabetes and pregnancy](#)
- [Gestational diabetes](#)
- [Miscarriage and ectopic pregnancy](#)
 - [Recurrent miscarriage](#)
- [Pregnancy-related nausea and vomiting](#)
- [Immunisation—pregnancy](#)
- [Pertussis vaccine for pregnant women](#)

Antenatal requests

- [Urgent antenatal referrals](#)
- [Non-urgent antenatal care referrals](#)
- [Early pregnancy assessment service](#)
- [Fetal maternal unit referrals](#)
- [Antenatal genetic referral](#)
- [Peri-natal and postnatal mental health requests](#)
- [Referral for termination of pregnancy](#)
- [Unintended pregnancy counselling](#)

This work has included localisation of the entire suite of antenatal pathways and redesigning the ANSC guidelines to be consistent and complimentary to HealthPathways.

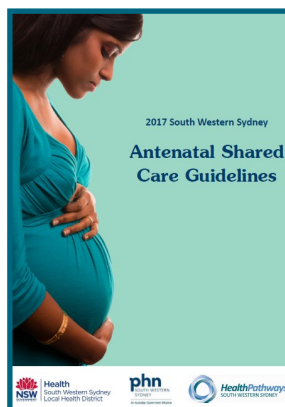
For ANSC providers, a tiered information system has been developed to provide clinical information in a range of accessible formats, including:

- ANSC Protocol (1 page resource)
- ANSC Quick Guide (2 page resource)
- ANSC Guidelines (20 page manual)
- HealthPathways Antenatal section (40+ pages)

At present, 19 clinical and 8 request pages are now live. It is hoped that new antenatal pathways will go live in the near future. There are two GP editors currently working on this section.

The ANSC Working Party has provided feedback on each of the pathways as they are developed to ensure they are consistent with the ANSC program, current district guidelines and service criteria.

HealthPathways would like to thank the ANSC Working Party for its hard work in providing these high quality resources to assist GPs in South Western Sydney care to for pregnant women.



Program Overview

Pathway Development

- **288** Live
- **73** In development
- **11** In review

New Pathways

- [Antenatal care](#) (27 pathways)
- [Investigations](#) (8 pathways)
- [Education \(SWS\)](#)
- [Acutely disturbed adult or older person](#)
- [Older person's specialist mental health referrals](#)
- [Problem gambling](#)
- [Chronic Hepatitis B](#)
- [Chronic Hepatitis C](#)
- [Non-urgent liver specialist referrals](#)

Site Statistics

- **16,270** Sessions
- **4,185** Users
- **92,421** Page views

Top 5 Pathways (last 12 months)

1. [Referral and claim forms](#)
2. [Non-Urgent antenatal care referrals](#)
3. [Chronic pain](#)
4. [Gestational diabetes](#)
5. [Desktop icon](#)



Clinical Pathway Spotlight: Hepatitis Pathways



Available Pathways

Clinical pages

- [Chronic Hepatitis B](#)
- [Chronic Hepatitis C](#)

Request pages

- [Non-urgent liver specialist referrals](#)
- [Hepatitis counselling and support](#)
- [Remote consultation for GP HCV prescribing](#)

There have been significant changes in the treatment of hepatitis C in the past 12 months. New Direct Acting Antivirals (DAAs) have been shown to effectively treat genotypes 1, 2, 3, and 4. The new treatment regimes are shorter than previous interferon-based treatment with significantly less side-effects.

The most substantial change in hepatitis C treatment is that GPs are now able to provide this treatment to patients. A remote consultation system for treatment sign-off by a relevant specialist was developed by GESA and GPs with experience in treating hepatitis are able to provide treatment without initial review required.

The chronic hepatitis C pathway provides details of the new treatments, matched to each genotype, and the referral and review processes required.

The chronic hepatitis B clinical page provides detailed guidance on the management of patients with hepatitis B in each of the five disease phases.

For patients requiring specialist care or Fibroscans, the non-urgent liver specialist referrals page provides details on how to access these services.

Management

Practice Point!
15 to 25% of people with chronic hepatitis B (CHB) could develop liver failure and/or liver cancer, and die if not adequately managed.

1. Consider [management goals](#).

2. Target treatment based on the [current disease phase](#). The phase the patient is in will change. CHB is regular monitoring is required. New therapies are emerging that may change the treatment paradigm.

CHB disease phases and relevance to treatment decisions

Phase	1. Silent	2. Damage	3. Control	4. Escape	5. Clear
Traditional terminology	Immune Tolerant	Immune Clearance	Immune Control	Immune Escape	Immune Clear
HBeAg	Positive	Positive	Negative	Negative	Negative
anti-HBe	Negative	Positive or negative	Positive	Positive	Positive
CHB DNA Viral Load	> 20,000 IU/mL Log ₁₀ 4	> 20,000 IU/mL and fluctuating	< 2,000 IU/mL Log ₁₀ 3	2000 to 20,000 IU/mL and fluctuating	Undetectable
ALT level	Normal	Fluctuating or elevated levels	Normal	Elevated and fluctuating levels	Normal
Liver	With minimal inflammation and liver damage	Active inflammation on histology	Exhibit mild hepatitis and minimal fibrosis on histology	Active inflammation on liver biopsy	Damage from previous phases visible
Duration	20 to 30 years	Can be protracted	Years	-	-
Natural History	Low risk progression to	Associated with hepatic	Low risk progression to	High risk of progression	Low risk of progression

Screenshot of Hepatitis B clinical page

Patient Site Update

In the last newsletter, some brief information was provided about the development of a patient site. Since that time, significant progress has been made.

The site, called **Health Resource Directory.org.au** will be a companion site to HealthPathways, with the patient information listed at the bottom of each clinical page being available on the patient site. This provides a single reference point for GPs to direct patients for further health information knowing this information has been reviewed and endorsed by the local hospital specialists.

However Health Resource Directory.org.au is planned to be more than just a directory of online patient information. The HealthPathways team is also working on developing health literacy content which will be available both on HealthPathways and Health Resource Directory.org.au.

During the development of this project, one of the important goals has been to ensure the content created is not just a duplication of what is already available through Health Direct or myriad other sites available through 'Dr Google'. The content will be relevant for the people of south western Sydney.

This has been achieved in the following ways:

- **Providing consistent information**—the content developed is based on the clinical content in HealthPathways to ensure what is said in the clinic and what is said in the factsheet complements each other
- **Including local services**—the content will provide details of local public clinics and support services
- **Accessible to our communities**—the factsheets will be provided in English, Arabic, Vietnamese and simplified Chinese versions (at a minimum). Audio translations are also being explored
- **Maintaining currency of content**—as the content is linked to HealthPathways, it ensures the information provided is subject to regular review (expected to be every two years)
- **Empowering patients**—a lot of work has gone into ensuring that a health literacy focus empowers patients to take control of their health condition

Health Resource Directory.org.au. It is coming soon.



Health Resource
Directory.org.au

