

SWSLHD
Clinical Stream Development Priorities
Women's Health Clinical Stream
2018 – 2020

Leading care, healthier communities



Health
South Western Sydney
Local Health District

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Overview of Women’s Health Clinical Stream in SWSLHD

The Women’s Health Clinical Stream provides maternity care, birth care and gynaecological services in five facilities across the South Western Sydney Local Health District (SWSLHD), including Bankstown, Fairfield, Liverpool, Campbelltown and Bowral. The level of service capability is varied from level 0 to level 6 (see table A). Sydney South West recorded the highest number of public hospital births in NSW in 2016 (2016 NSW Mothers and Babies). Over 13000 births occurring in 2017 and is projected to continue to have one of the fastest growing areas in the state. This is associated with the stress of reactive “flexing up” of all resources and short term proactive revision of the existing framework planning in order to maintain quality and safe patient care both within and between 5 facilities.

Women in the District enjoy a high standard of care with perinatal outcomes that rank amongst the best in the world. The majority of women and their babies are in good health and experience good outcomes. However there are groups within the community with poorer health and who experience suboptimal outcomes. These groups continue to challenge the clinical stream as they continue to experience poorer outcomes than the rest. In particular these groups include, Aboriginal mothers, women from culturally and linguistically diverse backgrounds (CALD), women who are obese, teenage pregnancy, smoking and drug use in pregnancy, women with pre-existing diabetes and gestational diabetes, and psychosocial factors which include, intimate partner violence, homelessness, and mental health issues.

The clinical stream will concentrate on the provision of services over the next two years that will be targeted to these high risk groups, which includes:

- the introduction of new collaborative high risk models of care
- an emphasis on translational research in all areas of women’s health, and
- an improved networked clinical governance model of care for Women’s Health (dominated by maternity) with the District’s Clinical Governance Unit.

Obstetric and Maternity Services

Bankstown-Lidcombe Hospital

Level 4 Maternity

Level 3 Special Care Nursery

- Bankstown-Lidcombe Hospital provides maternity care to pregnant women who are assessed as being low to moderate obstetric risk.
- Antenatal outpatient services include both obstetric, midwifery and Shared Care antenatal care options. Midwifery Group Practice model of care due to commence by end of 2018.
- Specialised antenatal services including: designated Culturally And Linguistically Diverse (CALD) antenatal clinic, adolescent program, perinatal and family drug health service, antenatal education classes, FGM (Female Genital Mutilation) clinic, early pregnancy unit, an antenatal/ postnatal mood disorder service, hypertension clinic and Diabetes in Pregnancy clinic.
- Day assessment unit to manage women with medium obstetric risks who do not require hospital inpatient admission.
- Obstetric and maternity services are supported by medical subspecialties including Cardiology, Nephrology, Respiratory, Neurology, Liver and Gastroenterology as well as a Level 5 Intensive Care Unit and 24 hour Anaesthetic and Paediatric cover.
- Community outreach services include Midwifery Support Program, pilot Sustained Home Visiting Program, community health services and residential parenting services that support the transition of woman and their families from hospital to community settings.

Bowral and District Hospital

Level 3 Maternity

Level 2 Special Care Nursery

South Western Sydney Local Health District

- Bowral Hospital provides maternity care to pregnant women who are assessed as having a low obstetric risk, women who are assessed as moderate obstetric risk are transferred to Campbelltown Hospital for midwifery care and high obstetric risk woman are transferred to Liverpool Hospital for ongoing management and care.
- As services develop and resulting from the success of the Feto-Maternal Unit and High Risk Obstetric model which operates between Campbelltown Hospital and Liverpool Hospital, there are plans for a similar model involving an obstetric cross-appointment between Bowral & District Hospital and Campbelltown Hospital.
- Antenatal outpatient clinics consist of a combination of antenatal care programs including medical, midwifery and community models of care.
- Other specialist services include antenatal education classes, early pregnancy services, perinatal and family drug health issues and adolescent programs. Obstetric and maternity services are supported by the Paediatric Unit, which can accept back transfers of infants who live in the local area greater than 32 weeks and who no longer require tertiary level care or respiratory support.
- Community outreach services include a Midwifery Support Program, universal home visiting, community health services and residential parenting services that support the transition of woman and their families from hospital to community settings.

Camden Hospital

Level 0

Camden Hospital provides antenatal services to pregnant women who are assessed as being a low obstetric risk under a Midwifery Group Practice model, midwifery clinic and or Shared Care options of care.

Campbelltown Hospital

Level 4 Maternity (to transition to Level 5 in 2019)

Level 3 Special Care Nursery (to transition to Level 4 in 2019)

- Campbelltown and Camden have one of the fastest growing populations in Sydney, which has seen up to 14% increase in births over the past 3 years.
- Campbelltown Hospital provides maternity care to pregnant women who are assessed as having low to moderate obstetric risk.
- Campbelltown Hospital offers a variety of models of care for pregnant women in the Macarthur region including Midwifery Group Practice, Shared Care program and Team Midwifery models of care.
- Specialised antenatal clinics for Vaginal Birth after Caesareans, Diabetes in Pregnancy, Aboriginal Sustained Home Visiting and adolescent programs. Outreach antenatal services are provided to Macquarie Fields, Macarthur Square and the Benevolent Society and there are plans to expand these services across Macarthur region. Campbelltown Hospital also provides an Early Pregnancy Assessment Service.
- Campbelltown Hospital has a Foetal Maternal Assessment Unit to manage women with medium obstetric risks who do not require hospital inpatient admission.
- Community outreach services include a Midwifery Support Program, universal home visiting, Aboriginal home visiting and community health services that support the transition of women and their families from hospital to community settings.

Fairfield Hospital

Level 3 Maternity

Level 3 Special Care Nursery

- Fairfield Hospital provides maternity care to pregnant women who are assessed as having low to moderate obstetric risk.
- Fairfield Hospital offers a variety of models of care to pregnant women residing in the local government area including Team Midwifery, Shared Care program and private obstetrics.
- High risk women are transferred to Liverpool Hospital for birth.
- Community outreach services include a Midwifery Support Program, universal home visiting, community health services and residential parenting services that support the transition of woman and their families from hospital to community settings.

Liverpool Hospital

Level 6 Maternity

Level 5 Neonatal Intensive Care Unit

- Liverpool has seen a significant increase in births over the past three years.
- Liverpool Hospital provides maternity care to pregnant women who are assessed as having low, moderate or high obstetric risk.
- Liverpool Hospital offers a variety of models of care including Team Midwifery models, Shared Care, midwife and obstetric clinics as well as private obstetric care. An Early Pregnancy Assessment Service is also provided.
- There is an antenatal day stay unit along with an antenatal ward to cater for women with high risk pregnancies with a variety of obstetric concerns.
- Community outreach services include a Midwifery Support Program, universal home visiting, community health services, Aboriginal home visiting and residential parenting services that support the transition of woman and their families from hospital to community settings.
- Specialist Women and Child Health Social Work team providing intervention addressing the social determinants of health for women and children throughout the perinatal period.

Gynaecology Services

All hospitals within South Western Sydney provide general gynaecological services with referral to Liverpool Hospital for Gynaecology Oncology (Cancer Services) and both Liverpool Hospital and Campbelltown Hospital for Advanced Gynaecological Endoscopy Service (AGES), and to a lesser extent, Urogynaecology services and Infertility services.

The gynaecology beds in most facilities are incorporated with general surgical beds and provide services to women within the District that include colposcopy, hysteroscopy, pelvic and laparoscopic surgery.

All services have colposcopy services to follow up on abnormal pap smears

Maternal Foetal Medicine Services

The Foetal Medicine Team works as part of a multi-disciplinary team including Maternal Foetal Medicine consultants, midwives, geneticists, neonatologists, social work, mental health, paediatric specialities at the Sydney Children's Hospital Network (SCHN) and healthcare assistants.

The Maternal Foetal Medicine sub-speciality is based in Liverpool Hospital and is a RANZCOG accredited training site. It consists of consultants who work within the Foetal Medicine Unit (FMU), high risk antenatal clinics including Medical Disorders Clinics and provide pre-pregnancy advice to women with known a history of obstetric and/or complex medical complications. The MFM members assist with the NSW State Perinatal Advice Line and serve on various perinatal and obstetric state and national committees. The MFM sub-speciality provides the District (LHD) with a tertiary clinical service for high risk pregnancies.

The Foetal Medicine Unit (FMU) provides services which include prenatal diagnosis including

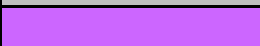






- ultrasound assessment of high risk pregnancies
- maternal and foetal anomalies e.g. diagnostic foetal genetic testing amniocentesis and chronic villus sampling
- foetal therapy e.g. foetal anaemia, foetal arrhythmia, primary hydrothoraces shunt placement and monozygotic twin complication therapy as part of NSW foetal surgical team based at Royal Hospital for Women, Randwick)
- ongoing management of anomalous fetuses

If a foetus requires surgery post-delivery, they are transferred to the SCHN hospital associated with the facility for the surgery and ongoing management.

The multidisciplinary team works closely with Maternity, Neonatology Social Work and Paediatric services locally and with Paediatric specialists within SCHN to ensure that there is continuity of care for the woman and her baby.

The FMU has a partnership with Radiology which includes training for radiology registrars in high risk obstetric and Early Pregnancy Assessment Service scanning and radiology obstetric sonographers.

Service Map Key

Key	Description
	Developing service
	Partial service
	State-wide service provision
	Lead service or Centre of Excellence
	Networked service i.e. linked to “lead” service
	Single service which provides services across the LHD
	Hub and Spoke clinic provided

Service Map – Women’s Health Clinical Stream – Current

Women’s Health						
	Bankstown Hospital	Liverpool Hospital	Fairfield Hospital	Campbelltown/Camden Hospital	Bowral & District Hospital / Southern Highland Private Hospital	Primary and Community Health
Maternity Services	Maternity Services Level 4	Maternity Services Level 6	Maternity Services Level 3	Maternity Services Level 4+	Maternity Services Level 3	
Special Care Nursery	Special Care Nursery Level 3	NICU/Special Care Nursery Level 5	Special Care Nursery Level 3	Special Care Nursery Level 3+	Special Care Nursery Level 2	
Early Pregnancy Assessment Service	Early Pregnancy Assessment Service	Early Pregnancy Assessment Service		Early Pregnancy Assessment Service		
Feto-Maternal Unit		Feto-Maternal Unit				
Day Assessment Unit	Day Assessment Unit	Day Assessment Unit		Day Assessment Unit * known as FMAU		
Midwifery Group Practice				Midwifery Group Practice		
GP Shared Care	GP Shared Care	GP Shared Care	GP Shared Care	GP Shared Care	GP Shared Care	
	GP Liaison Midwife					
Gynaecology	Gynaecology	Gynaecology	Gynaecology	Gynaecology	Gynaecology	Gynaecology
Urogynaecology		Urogynaecology Surgical and outpatient				
Gynaecology		Gynaecology Governed by Cancer Stream				
Infertility		Infertility				
Advanced Endoscopic Surgery		Advanced Endoscopic Surgery		Advanced Endoscopic Surgery		
Obstetric Medicine May include renal, haematology and endocrinology	Obstetric Medicine May include renal, haematology and endocrinology	Obstetric Medicine May include renal, haematology and endocrinology	Obstetric Medicine May include renal, haematology and endocrinology	Obstetric Medicine May include renal, haematology and endocrinology	Obstetric Medicine May include renal, haematology and endocrinology	Obstetric Medicine May include renal, haematology and endocrinology

Other Services						
	Bankstown Hospital	Liverpool Hospital	Fairfield Hospital	Campbelltown / Camden Hospital	Bowral & District Hospital / Southern Highland Private Hospital	Primary and Community Health
Child and Family Health Services including AIMHS Midwife						Child and Family Health Services including AIMHS Midwife
Paediatric Services	Paediatric Services	Paediatric Services	Paediatric Services	Paediatric Services	Paediatric Services	Paediatric Services
Drug Health Services	Drug Health Services access at all sites					
Mental Health Services (Perinatal and Infant Mental Health Services PIMHS)	PIMHS access at all sites					
Social Work	Social Work access at all sites					
Networks with the SWS Primary Health Network	Networks with the SWS PHN					

SWSLHD Strategic Directions

	<p>Safe, Quality Care</p>		<p>A Healthy Community</p>
<ul style="list-style-type: none"> • Consistently safe • Outstanding quality • Appropriate, timely care • Evidence based and patient-centred care • Cultural safety • Accountability and governance 	<ul style="list-style-type: none"> • Healthy people and communities • Safe, healthy environments • Knowing the needs of the community • Prevention and early intervention 		
	<p>Collaborative Partnerships</p>		<p>A Healthcare System for the Future</p>
<ul style="list-style-type: none"> • Consumer, patient and carer involvement • Genuine engagement and communication • Strategic partnerships • Funding opportunities 	<ul style="list-style-type: none"> • Building and adapting for the future • Networked and integrated services • Agile and innovative care • Responsive to community diversity 		
	<p>Our People Make a Difference</p>		<p>A Leader In Research and Teaching</p>
<ul style="list-style-type: none"> • Workforce for the future • Culture of respect and compassion • Employer of choice • Effective leadership and empowered staff 	<ul style="list-style-type: none"> • Delivering research innovation • Acknowledgement and recognition of research • Continuous education, teaching and training 		

Priority Developments for Women’s Health Clinical Stream

Priority Service Developments (include in priority order)	Linkage with Clinical Service Plans
<p>1. Enhance SWSLHD High Risk Model of Care based at Liverpool, linked to high risk clinics, NICUs, medical disorders in pregnancy clinics, networked across the LHD for triaging and appropriate management and care & audit.</p> <ul style="list-style-type: none"> ➤ Introduction & support of specific High Risk Clinics i.e. Multiple Pregnancy; Preterm Birth clinic, MFM 	<ul style="list-style-type: none"> • Liverpool Clinical Services plan • NSW Maternal and Newborn Service Capability Framework
<p>2. Academic Unit in Obstetrics & Midwifery and Gynaecology to improve translational research in Women’s Health</p>	<ul style="list-style-type: none"> • Research Strategy - Women’s Health Academic Unit • Maternal and Newborn SPHERE collaborative • Women’s Health Research – WHITU Research Grant Recipient July 2018 for 5 years.
<p>3. Service capability Fairfield Maternity L3 realisation, that is VBAC services; Support for Increasing and improving Campbelltown maternity/Neonatal from a service level 4:3 to a 5:4</p>	<ul style="list-style-type: none"> • Macarthur Clinical Services Plan • Enhanced Paediatric Capacity Plan to 2031
<p>4. Establishing a Maternity Clinical Governance Unit along with CGU. Networked model linked with patient safety units in each facility working directly with Medical & midwifery Directors. Major objective: optimise the governance of safe and quality continuity of care of which a major challenge is part-time medical workforce.</p>	<ul style="list-style-type: none"> • Clinical Governance Framework • SWSLHD Strategic Plan – Safe Quality Care
<p>5. Growing networked subspecialty services for Women’s Health based at the tertiary hospitals (Liverpool and Campbelltown) with devolvement of general O&G services to the other facilities;</p>	<ul style="list-style-type: none"> • SWSLHD Diabetes Plan • Macarthur Clinical Services Plan • Liverpool Clinical Services Plan

Priority Service Developments (include in priority order)	Linkage with Clinical Service Plans
<ul style="list-style-type: none"> ➤ Subspecialty service support i.e. MFM, obstetrics, Close Observation in Birthing Unit ➤ Foetal Medicine Unit workforce enhancement to provide capacity for 24 hr / 7 day week service and scans; ➤ Enhancement for MFM; AGES; Gynae-oncology; Urogynaecology; Infertility, Pre-conception 	

Service Map – Women’s Health Clinical Stream – Future (2026)

Women’s Health						
	Bankstown Hospital	Liverpool Hospital	Fairfield Hospital	Campbelltown/Camden Hospital	Bowral & District Hospital / Southern Highland Private Hospital	Primary and Community Health
Maternity Services	Maternity Services Level 4	Maternity Services Level 6	Maternity Services Level 3	Maternity Services Level 5	Maternity Services Level 3	
Special Care Nursery	Special Care Nursery Level 3	NICU/Special Care Nursery Level 5	Special Care Nursery Level 3	Special Care Nursery Level 4	Special Care Nursery Level 2	
Early Pregnancy Assessment Service	Early Pregnancy Assessment Service	Early Pregnancy Assessment Service	Early Pregnancy Assessment Service	Early Pregnancy Assessment Service		
Feto-Maternal Unit		Feto-Maternal Unit		Feto-Maternal Unit		
Day Assessment Unit	Day Assessment Unit	Day Assessment Unit		Day Assessment Unit * known as FMAU		
Midwifery Group Practice	Midwifery Group Practice	Midwifery Group Practice		Midwifery Group Practice		
GP Shared Care	GP Shared Care	GP Shared Care	GP Shared Care	GP Shared Care	GP Shared Care	
	GP Liaison Midwife					
Gynaecology	Gynaecology	Gynaecology	Gynaecology	Gynaecology	Gynaecology	Gynaecology
Urogynaecology		Urogynaecology Surgical and outpatient				
Gynaeanology		Gynaeanology Governed by Cancer Stream				
Infertility		Infertility				
Advanced Endoscopic Surgery		Advanced Endoscopic Surgery		Advanced Endoscopic Surgery		
Obstetric Medicine May include renal, haematology and endocrinology	Obstetric Medicine May include renal, haematology and endocrinology	Obstetric Medicine May include renal, haematology and endocrinology	Obstetric Medicine May include renal, haematology and endocrinology	Obstetric Medicine May include renal, haematology and endocrinology	Obstetric Medicine May include renal, haematology and endocrinology	Obstetric Medicine May include renal, haematology and endocrinology

Other Services						
	Bankstown Hospital	Liverpool Hospital	Fairfield Hospital	Campbelltown/Camden Hospital	Bowral & District Hospital / Southern Highland Private Hospital	Primary and Community Health
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Paediatric Services	Paediatric Services	Paediatric Services	Paediatric Services	Paediatric Services	Paediatric Services	Paediatric Services
Drug Health Services	Drug Health Services access at all sites					
Mental Health Services (Perinatal and Infant Mental Health Services PIMHS)	PIMHS access at all sites					
Social Work	Social Work access at all sites					
Networks with the SWS Primary Health Network	Networks with the SWSPHN					