Clinical Stream Development Priorities Cardiovascular Clinical Stream 2018 – 2020

Leading care, healthier communities



Clinical Stream Development Priorities – Cardiovascular Clinical Stream 2018 – 2020

Table of Contents

Overview of Cardiovascular Clinical Stream in SWSLHD	3
Service Map Key	4
Service Map – Cardiovascular Clinical Stream – Current	5
SWSLHD Strategic Directions	7
Priority Developments for Cardiovascular Clinical Stream	7
Service Map – Cardiovascular Clinical Stream – Future (2026)	8

Overview of Cardiovascular Clinical Stream in SWSLHD

The SWSLHD Cardiovascular Clinical Stream incorporates a broad range of clinical services including cardiology, cardiac diagnostics, cardiac interventions, cardiac rehabilitation and ambulatory services, cardiothoracic surgery, renal medicine, dialysis services, renal intervention, renal supportive care, interventional vascular, vascular surgery and vascular diagnostics.

The demand for cardiovascular services in SWSLHD is projected to increase significantly in the next few years due to population growth particularly amongst recent migrants, ageing, increased incidence of diabetes and lower socioeconomic status. The demand for interventional cardiac services, cardiothoracic/ surgical services and renal replacement therapy is projected to increase significantly.

Interventional cardiac services have expanded from Liverpool to both Campbelltown and Bankstown-Lidcombe Hospitals over the past two years. This has significantly increased the capacity for these services in the LHD and brings this life saving service closer to the local community. This expansion also provides the opportunity to develop a structural heart program including TAVI at Liverpool Hospital and expand electrophysiology studies (EP), devices and peripheral endovascular services.

The demand for cardiothoracic surgery is also projected to increase significantly and will continue to be provided at Liverpool Hospital. The Cardiovascular Stream is working with facilities to plan for increased cardiothoracic services including increase in theatre access, increased ward bed base and a dedicated cardiothoracic intensive care pod in line with best practice models of care.

The District wide vascular service provides both open and endovascular procedures at Liverpool with plans to expand to Bankstown-Lidcombe and Campbelltown Hospitals by 2021.

The renal hub and spoke model of care has been strengthened by the Cardiovascular Clinical Stream to meet the significant projected increased demand for end stage renal therapies in the coming years. Campbelltown Hospital has recently opened inpatient beds with plans to increase inpatient renal services including an increase in in-centre and satellite chairs. Bowral Hospital has established a dialysis service improving access for the Wingecarribee community and plans are underway to expand this service further. The Cardiovascular Clinical Stream also supports the implementation of a renal transplant service at Liverpool Hospital by 2025.

Renal supportive care has been implemented across the LHD. This involves a multi-disciplinary approach that integrates the skills of renal medicine and palliative care to help patients with chronic kidney disease (CKD) and end stage kidney disease (ESKD) to live as well as possible by better managing their symptoms and supporting them in living with advanced disease. This initiative will be further developed across the district in line with demand.

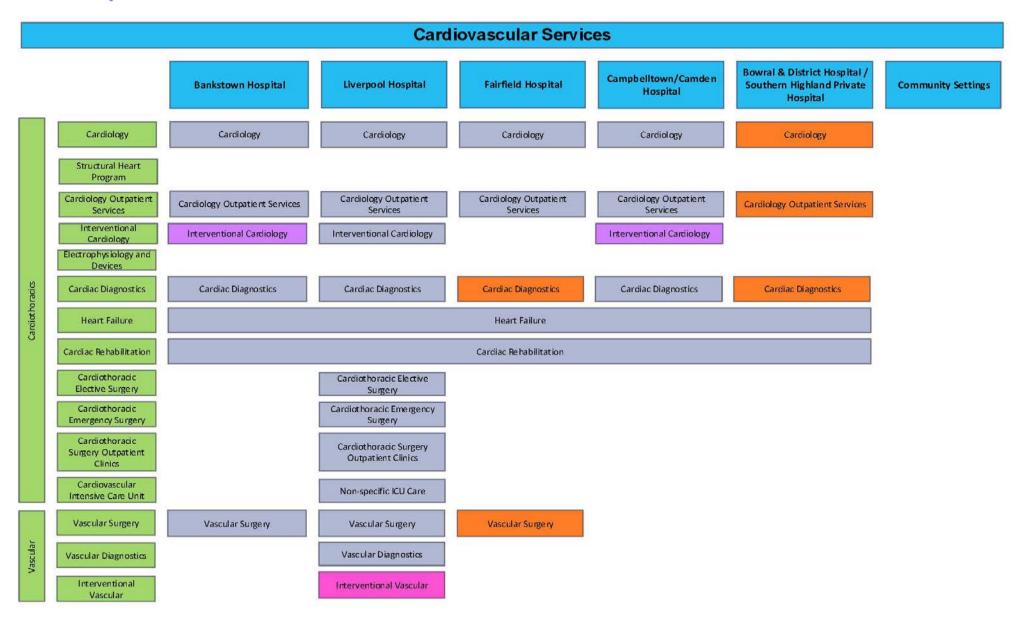
In addition to clinical services, there is a strong focus on research and education at each facility, in conjunction with the University of NSW and University of Western Sydney. A number of prestigious grants have been awarded to the Cardiology and Renal Departments at Liverpool Hospital and the Cardiovascular Clinical Stream has had numerous articles published in peer-reviewed journals over the past year.

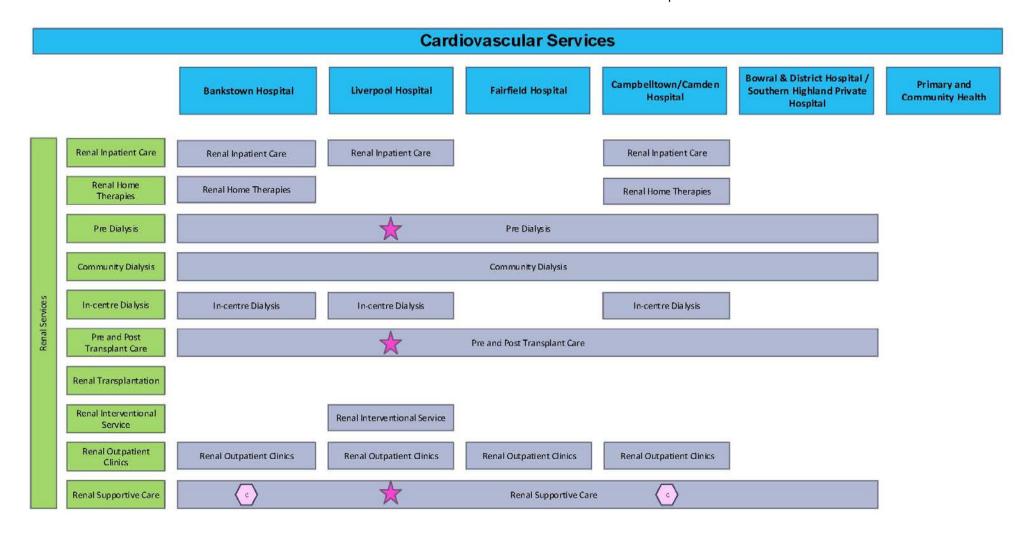
The Cardiovascular Clinical Stream will continue to improve the quality of patient care by fostering a strong research culture and utilising clinical and technological advances to better serve the community. The Cardiovascular Clinical Stream will continue to foster private and industry partnerships.

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	
\rightarrow	Single service which provides services across the LHD	
Hub and Spoke clinic provided		

Service Map – Cardiovascular Clinical Stream – Current





SWSLHD Strategic Directions



Safe, Quality Care

- · Consistently safe
- · Outstanding quality
- · Appropriate, timely care
- Evidence based and patient-centred care
- · Cultural safety
- · Accountability and governance



A Healthy Community

- · Healthy people and communities
- Safe, healthy environments
- · Knowing the needs of the community
- Prevention and early intervention



Collaborative Partnerships

- · Consumer, patient and carer involvement
- Genuine engagement and communication
- · Strategic partnerships
- · Funding opportunities



A Healthcare System for the Future

- · Building and adapting for the future
- Networked and integrated services
- Agile and innovative care
- · Responsive to community diversity



Our People Make a Difference

- · Workforce for the future
- · Culture of respect and compassion
- · Employer of choice
- · Effective leadership and empowered staff



A Leader in Research and Teaching

- · Delivering research innovation
- Acknowledgement and recognition of research
- Continuous education, teaching and training

Priority Developments for Cardiovascular Clinical Stream

Priority Service Developments (in priority order)		Linkage with Clinical Service Plans
1.	TAVI service at Liverpool Hospital	Strategic & Healthcare Services Plan – Strategic Priorities in Health Care Delivery to 2021
2.	Cath Lab Enhancements at Liverpool/ Campbelltown and Bankstown to backfill and meet service demands for Devices, EP and Renal access	Surgical & Procedural Care in South West Sydney
3.	Enhancement of Cardiothoracic Surgical services at Liverpool Hospital – Staff Specialist, increase theatre sessions and ward beds	Liverpool Clinical Services Plan Surgical & Procedural Care in South West Sydney
4.	Cardiothoracic ICU pod at Liverpool Hospital	Liverpool Clinical Services Plan
5.	Vascular Hybrid Labs – Campbelltown and Bankstown	Surgical & Procedural Care in South West Sydney
6.	Renal Transplant – (phased approach)	Strategic & Healthcare Services Plan – Strategic Priorities in Health Care Delivery to 2021

Service Map - Cardiovascular Clinical Stream - Future (2026)

