



# NSC Shelving & Storage for Epworth

Providing a complete storage and shelving solution:  
customised for Epworth HealthCare

*National Surgical Corporation worked with Epworth HealthCare to design, supply and install the total shelving and storage requirements for stages of the Epworth Richmond redevelopment and the entire newly-built Epworth Geelong hospital.*



**NATIONAL SURGICAL CORPORATION**

*A proudly founded and owned Australian company - providing value to our customers beyond the product*



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# Shelving and storage solutions for Epworth

## ABOUT EPWORTH HEALTHCARE



**Epworth**

Epworth HealthCare is Victoria's largest not-for-profit private health care group with multiple locations including Epworth Brighton, Camberwell, Cliveden, Eastern (Box Hill), Freemasons, Hawthorn and Richmond, as well as specialist centres in Melbourne city. In 2016, they opened the new teaching hospital, Epworth Geelong.

Each year, Epworth hospitals receive over **140,000 admissions**, provide **90,000+ operations** and **25,000 emergency attendances**. Epworth HealthCare aim to provide the most advanced equipment for its patients and doctors and implement this through its investment in redevelopment projects.

## EPWORTH RICHMOND REDEVELOPMENT

A **\$600 million**, multi-staged redevelopment is underway at Epworth Richmond to expand services and update existing facilities.

The latest stage was completed in early 2016 when the new **Lee Wing** opened, bringing together a new and expanded **emergency department, ICU** and **cardiac inpatient** unit, **six new theatres**, consulting suites and three additional levels of private inpatient accommodation.

The completion of the Epworth Richmond redevelopment will increase the inpatient **bed capacity to 777**, equip the hospital with **42 operating theatres** and provide purpose-built teaching and research facilities.



## NEW EPWORTH GEELONG HOSPITAL

Epworth Geelong is one of the newest private hospitals to be built from the ground up in Australia, designed to provide the best patient experience within the ultimate clinical setting.

The new hospital has been built for the future, offering enough capacity to supply today with room to grow in the future, the new hospital provides **172 private inpatient rooms, 11 operating theatres, 2 cath labs, 2 procedure rooms**, a 20 treatment-space emergency department, 6 chair dialysis unit and 10 chair day oncology unit.

Working in partnership with Deakin University, Epworth Geelong will be a **teaching hospital** providing education programs for medical, nursing, allied health and medical imaging students and staff.

The **\$277 million hospital development** commenced in 2014 and was officially opened, on time, on 4 July 2016.





# NSC SHELVING & STORAGE SOLUTION FOR EPWORTH HEALTHCARE

NSC has been working with Epworth HealthCare since 2011 and has continuously provided them with various shelving and storage solutions including chrome wire shelving, trolleys, hospital carts and chrome wire baskets.

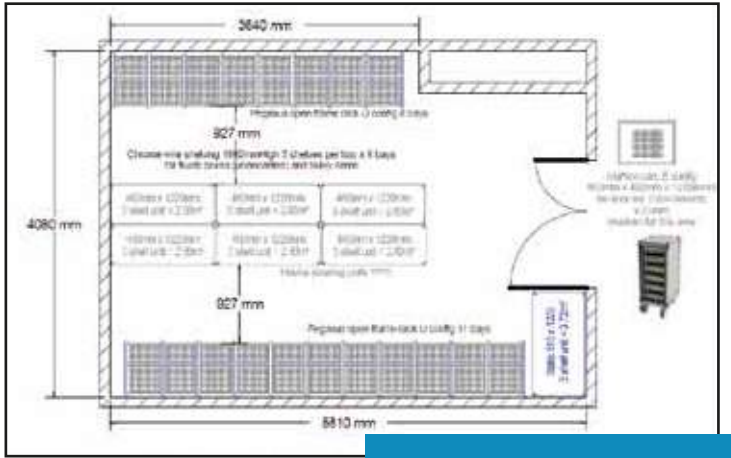
Building upon our relationship with Epworth HealthCare and using our extensive knowledge in the healthcare industry, NSC was able to work with Epworth HealthCare to develop a customised shelving and storage solution that met their specialised requirements for both the Richmond and Geelong developments.

## Discussions with key Epworth personnel and providing CAD drawings

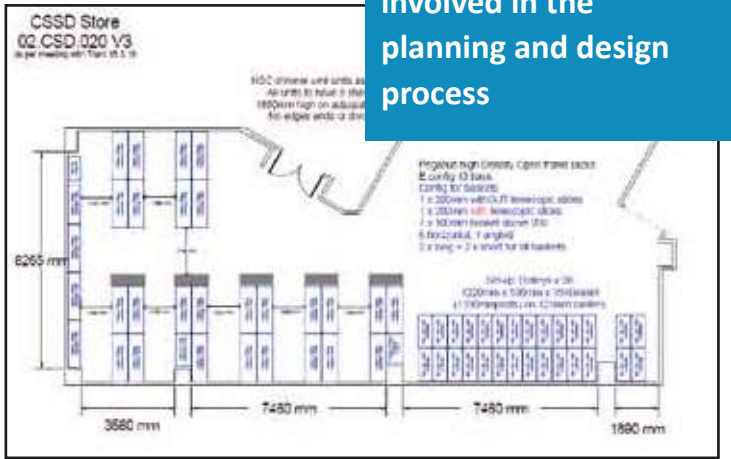
NSC met and discussed with Epworth personnel including the Site Procurement/Redevelopment Manager, Operating Theatre Manager, CSSD Manager and Ward Managers for both developments.

This enabled NSC to determine the type of shelving and storage they required, what each room was used for and what was to be stored. From these initial discussions, NSC designed each room using the correct scale and dimensions using CAD design software.

These CAD drawings allowed Epworth personnel a 2D view of each room and make changes as required. Multiple changes were applied until all parties were pleased with the outcome.



All levels of hospital personnel were involved in the planning and design process



There were 2 containers (20ft & 40ft) delivered to Richmond and 3 containers (20ft, 40ft x 2) and 30m<sup>3</sup> of stock sent to Geelong which were unloaded at site

Chrome wire shelving and high density racks components were taken to each room to be built individually



# Shelving and storage solutions for Epworth

## IMPLEMENTING THE EPWORTH RICHMOND REDEVELOPMENT STORAGE SOLUTION



*"From the moment we placed our first PO for the storage at Richmond, NSC made us their first priority and nothing was ever too much trouble. They ensured that every deadline was met, often going above and beyond what was expected. If they had not shown this commitment to Epworth, the whole process and final results could have been quite different to what we currently have today."*  
- Epworth Site Procurement Manager

### EPWORTH RICHMOND STORAGE SOLUTION

**39,800** components for **26 rooms** across **3 levels**

**146 bays** across **40 high density racks**

**72 bays** of **high density cabinets** - underbench & tall

Custom designed chrome wire **compactors**

Specially designed **crutch stand shelving units**

Over **40 chrome wire static shelving units**

Included **40 chrome wire trolleys**

High density **AluFlex carts** & **40 hospital carts**

**412 chrome wire baskets** and 100's more since then

**Accessories** - Label holders, dividers, ledges and ends for all racks, static shelving, trolleys and carts

**Coloured handles** made specifically for Epworth to identify departments/stock uses

Over **280 hours** of labour installing

Epworth continues to purchase **additional storage items** as required including over **1,900 baskets**



*chrome wire static shelving with ledges & dividers*

#### July - Dec 2015

Discussions and site visits with Epworth personnel and drawings created with multiple revisions & enhancements. Ordering of components from overseas facilities

#### Jan 2016

Delivery of 2 containers to an offsite yard, unloaded and delivered to Epworth Richmond.

All the shelving had to be installed within 2 weeks, whilst the hospital was under control of the builder.

During the installation process, Epworth required more shelving, which NSC supplied immediately.

NSC successfully installed all shelving and storage items to specification and before the anticipated timeframe, even with the additional items.

#### Feb 2016

Lee Wing opens on time by Epworth Health Care with all their brand new NSC shelving and storage filled.





# IMPLEMENTING THE NEW EPWORTH GEELONG DEVELOPMENT STORAGE SOLUTION



Some Epworth Geelong rooms combined chrome wire shelving and high density racking to suit stored items

## EPWORTH GEELONG STORAGE SOLUTION

**29,200** components for **55 rooms** across **5 levels**

**335 bays** across **65 high density racks**

Specially designed **crutch stand shelving units**

**150 chrome wire static shelving units** for **CSSD**, sterile supplies, **equipment store** & **utility** rooms

Over **60 chrome wire trolleys** for **set up**, **prosthetics** & **sterile store** rooms

**39 hospital** and **procedure carts**

**9** custom designed **CSSD height adjustable tables**

**Coloured handles** on high density **cabinets** & **racks**

**8 stainless steel static units** for utility rooms

**Accessories** for all racks, static shelving, trolleys, carts

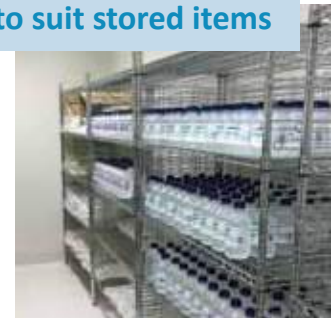
Retractable **catheter hooks** on high density racks

Over **400 hours** of labour installing

The entire stock was delivered in **3 containers** (20ft & 40ft x 2), **30m<sup>3</sup>** of additional stock, **pallets of carts** and a **truck of CSSD tables**

*"NSC provided better value than other quotes and were able to provide an "all in one" storage proposal that suited our needs perfectly.*

*During the install process, a team of 4-6 installers were on site to ensure that everything ran smoothly. The installers all had the relevant OH&S accreditation required and were well presented and efficient."*  
- Epworth Site Procurement Manager



### Mar - Apr 2016

Following on from Richmond, Epworth were more aware of their needs. NSC's designs required minimal revisions

### Jun 2016

All components were unloaded from the truck and transferred to each room where it was built and stocked once completed, ready for the opening day. The installation process took place over a 3 week period.

During the installation process, Epworth required more chrome wire trolleys. NSC was able to supply these direct to the hospital and install them as requested.

NSC successfully installed all shelving and storage items to specification and before the anticipated timeframe, even with the additional items.

### 4 Jul 2016

Epworth Geelong opens to patients



# Shelving and storage solutions for Epworth

*NSC has the complete shelving and storage solution expertise and product range available to provide a customised and complete solution for any hospital redevelopment, upgrade or new build. See how we transformed Epworth Richmond and Epworth Geelong and improved their storage facilities.*

## NSC SHELVING & STORAGE SOLUTIONS WERE PROVIDED FOR:

**CSSD** including **sterile store** rooms, **tech room**, **loan store** room, **control & picking** room, **deboxing** rooms

**Operating theatre** - **fluids** storage, **perfusion** room, **prosthetics** room

**Equipment store** rooms, **clean/utility store** rooms, **cleaners** rooms

**ICU** - **clean stock** room, **workstations** area,

**Anaesthetics** and **medications** store rooms including **oncology**

**Emergency department** store rooms

**Ward** store rooms including **maternity/labour** wards

**Chemical** store rooms and **general store** rooms



*Small cabinets on castors are stored under benches when not in use but easily accessible*



*Chrome wire shelving was ideal for store rooms, utility and equipment rooms*



*Retractable catheter hooks installed on high density racks*



*Coloured handles are used to identify certain department stock*



*High density units in medication rooms, CSSD, OT, emergency and anaesthetics*



*Height adjustable CSSD packing tables were custom designed & made*



*Stainless steel static units installed in equipment/utility rooms*







*Coloured handles were manufactured specifically for Epworth for their high density units*



*AluFlex high density cart uses the interchangeable basket system*



*Chrome wire static units installed in equipment and utility rooms*



*High density racks incorporated clipped on label holders*



*Combining high density racks and chrome wire together in store rooms*



*Trays and baskets installed on racks in angled or horizontal formats*



*Chrome wire baskets on louvre panels improved storage of smaller consumables*



# Let NSC support you



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PROVIDING VALUE BEYOND THE PRODUCT

## What makes NSC different to our competitors to support you?

- A proudly Australian owned and founded company
- Combining 25 years of expertise in the healthcare industry
- Creating value for our customers beyond the product
- Working with our customers to offer specialised solutions
- Offering a large product range focused on cost effectiveness, patient care and productivity
- Low overheads allows us to provide cost savings to our customers compared to the multinationals
- Coordinated, whole company approach to every customer
- Establishing trust for long term customer relationships

## Who are we?

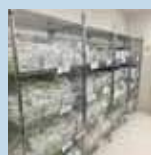
National Surgical Corporation (NSC) is an import manufacturer in the healthcare industry, distributing surgical instruments, consumables, equipment and shelving all major hospitals and healthcare facilities throughout Australia. Our extensive product range can be used by all specialist disciplines and departments within a hospital, day surgery or specialist centre.

## NSC: experts in shelving and storage solutions for hospital redevelopments, upgrades, fitouts

NSC is a specialist in designing and implementing requirements for major and minor hospital redevelopments, upgrades and refits. What makes us different to our competitors is that we can offer a complete shelving and storage solution.

We can design and install a range of shelving solutions from chrome wire, stainless steel, high density modular systems, carts, trolleys and baskets. We know what works best in certain areas and can design a system using our extensive range to meet the needs of each department, room and stored stock.

## NSC shelving & storage range: providing a complete storage solution for all areas within a hospital or healthcare facility



Chrome wire static shelving



Chrome wire trolleys



Compactors



High density storage racks



High density cabinets



CSSD height adjustable tables



Chrome wire baskets



Hospital carts



AluFlex high density carts



Stainless steel shelving

### CUSTOMER SERVICE

Phone: 1800 138 138 (free call)

Fax: 1800 138 140 (free fax)

[info@nationalsurgical.com.au](mailto:info@nationalsurgical.com.au)

[www.nationalsurgical.com.au](http://www.nationalsurgical.com.au)

Contact your National Surgical Corporation Account Manager for more information



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