



### 5.3.3 Sterilisation Part 2




---

---

---

---

---

---

---

---



### Visit the GPA website to

- Register for GPA webinars
- Download resources for accreditation
- View the events calendar
- Sign up or access GPA Connect, GPA's custom-designed system for your accreditation

8 February 2017 [www.gpa.net.au](http://www.gpa.net.au) 2

---

---

---

---

---

---

---

---



### Certificates of participation

- Available only to attendees at live sessions.
- Require the successful completion of the evaluation survey for this session by close of business today.
- Each participant must complete his or her own survey.
- The survey is only available on the webinars page of the GPA website.

8 February 2017 [www.gpa.net.au](http://www.gpa.net.au) 3

---

---

---

---

---

---

---

---



## Today's agenda

- Sterilisers and classifications
- Choosing the right steriliser
- Sterilisation cycle parameters
- Maintenance of the steriliser
- Validation
- Tracking instruments
- Single use items
- Off-site sterilisation
- Meeting the Standards

8 February 2017 www.gpa.net.au 4

---

---

---


---

---

---

---

---




## Sterilisers

In general practice, sterilisation can be achieved by steam sterilisation under pressure or by dry heat.

Dry heat sterilisers

Small steam sterilisers



8 February 2017 www.gpa.net.au 5

---

---

---


---

---

---


---


---




## Steriliser classifications

Some sterilisers are capable of operating several different classes of cycles

  
 Class N

  
 Class S

  
 Class B

8 February 2017 www.gpa.net.au 6

---

---

---


---

---

---

---

---



## Choosing the right steriliser

Practices need to consider their needs for sterile equipment, the types of items to be sterilised, numbers required and turnaround time.

What types of instruments & equipments are required?

How often are they required?

Comparative costs of on-site sterilisation

Comparative costs of off-site sterilisation

Use of single use disposable instruments

8 February 2017 www.gpa.net.au 7

---

---

---


---

---

---

---

---



## Sterilisation cycle parameters

Processing time

Penetration time

Holding time

8 February 2017 www.gpa.net.au 8

---

---

---


---

---

---


---

---



## Maintenance of steriliser

**Maintenance is essential to ensure sterility of the equipment processed and longevity of the steriliser.**




Changing the water

Cleaning

Servicing

Documentation



8 February 2017 www.gpa.net.au 9

---

---

---


---

---


---

---

---

 **GPA**  
Accreditation

## Validation



8 February 2017 www.gpa.net.au 10

---

---

---


---

---

---

---

---

 **GPA**  
Accreditation


## Validation

Reviewing documented procedures

Performing procedures

Checking efficiency of the results

Recording results



8 February 2017 www.gpa.net.au 11

---

---

---


---

---

---


---

---


 **GPA**  
Accreditation

## Validation

Prerequisites for validation



Methodology: step by step process



8 February 2017 www.gpa.net.au 12

---

---

---


---

---

---

---

---



## Tracking instruments and patient tracing

This process may be important in the event of a sterilisation process failure or medico-legal issue relating to sterilisation in the practice.

Methods of tracking instruments

Methods of tracing patients

**PROCESSED**  
 Change link to items  
 Comment

01. 00004102 ← Sterilizer ID Number  
 Date: 03.03.03 ← Cycle Number  
 © Treble 2003 ← Operator ID  
 ← Date Processed

8 February 2017 www.gpa.net.au 13

---

---

---


---

---

---

---

---



## Single use items


Should not be reprocessed

Stock control policies

Advantages

Disadvantages

Single use and/or patient items, e.g. spacers



8 February 2017 www.gpa.net.au 14

---

---

---


---

---

---

---

---



## Off-site sterilisation

Off-site sterilisation may be more cost effective than purchasing and running a steriliser, or using single use equipment.

Documentation

Transportation of dirty instruments

Transportation of sterile instruments

Clean

Dirty

8 February 2017 www.gpa.net.au 15

---

---

---

---

---

---

---

---



## Meeting the Standards

### Criterion 5.3.3 Healthcare associated infections

Indicator C/ The practice team member with delegated responsibility for the sterilisation process can describe in detail how sterile procedures are undertaken, including, where relevant:

- provision of an adequate range of sterile reprocessed or disposable equipment
- procedures for having instruments sterilised off site, including documentary evidence of a validated process
- procedures for onsite sterilisation of equipment, including monitoring the integrity of the whole sterilisation process, validation of the sterilisation process and steriliser maintenance
- safe storage and stock rotation of sterile products

8 February 2017

www.gpa.net.au

16

---

---

---

---

---

---

---

---



## Question time



8 February 2017

www.gpa.net.au

17

---

---

---

---

---

---

---

---



## Upcoming webinars

### Time management

Thursday  
March 2  
2pm AEDT

### 5.3.3 Healthcare associated infections

Wednesday  
March 8  
1pm AEDT

### 5.3.3 Pandemics

Thursday  
March 16  
2pm AEDT

8 February 2017

www.gpa.net.au

18

---

---

---

---

---

---

---

---



## Webinar quiz

- If your practice is accredited, or undergoing accreditation, with GPA, you will receive a link to a quiz with your certificate of participation.
- The questions in this quiz will ask how your practice meets the criteria discussed today.
- On submission of your answers, your QAM, or a team member within the office, will review the information you provide, and contact you to provide further guidance, if necessary.

8 February 2017

[www.gpa.net.au](http://www.gpa.net.au)

19

---

---

---

---

---

---

---

---



## Certificates of participation

- Available only to attendees at live sessions.
- Require the successful completion of the evaluation survey for this session by close of business today.
- Each participant must complete his or her own survey.
- The survey is only available on the webinars page of the GPA website.

8 February 2017

[www.gpa.net.au](http://www.gpa.net.au)

20

---

---

---

---

---

---

---

---



Thank you for joining us

**thank you**

8 February 2017

[www.gpa.net.au](http://www.gpa.net.au)

21

---

---

---

---

---

---

---

---