Sterilization in Australia



Print Post Approved PP255003/01725

Sterilization

Official Journal of Sterilizing Research & Advisory Council (NSW) Inc.

S.R.A.C.A. NSW Inc. Committee -		Contents -		
President	George Papadopoulos	President's Report3		
Vice President	Lynne Noring	Annual WFHSS Prague4		
Secretary	Cindy Shaw	16th World Sterilization Congress7		
Treasurer	Leanne Burns			
Membership/Journal Subscriptions	Raza Saric	iS.R.A.C.A (N.S.W) Inc AGM8		
Education Officer	Lynne Noring	Opening of the Simulation Training Precinct10		
Committee Members	Tracey Worthington Yvonne Emery	16th World Sterilization Congress11		
	Joyce Kenyon Tania Wilcox Wilson Biason	Majac Medical Products12		
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Tel: 02 9614 7069 E: tony@printedreflections.com		LinearMedical14		
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Sterilization in Australia is published a behalf of the Sterilizing Research and Adv Australia NSW Incorporated.	visory Council of	DEVICE TECHNOLOGIES16		
The views expressed in any article are not of the S.R.A.C.A. NSW Incorporated, nor advertised given any official backing or e	are any products	SRACA Committee and 3rd Generation17		
Council.		Applying for a Research Grant18		
Copyright 1992 is held by S.R.A.C.A. NSW Inc. Copying or reprinting any of these articles contained herein is strictly forbidden without the prior permission of the Editor.		2015 Calendar23		
screary forbidden without the prior permit		Membership Renewal24		
Sterilization in Australia is Print Post A PP255003/01725	Approved			
Address all correspondence to				
PO Box M71 Missenden Road, Camperda	wn NSW 2050			



Web Address: www.sracansw.org.au

Electronic on-line version ISSN 1444-8476

ISSN number 0725.7066

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President's Report

Welcome to the first issue of Sterilization in Australia for 2015.

I hope everyone has had a great New Year & Happy Easter.

Firstly I would like to congratulate Cynthia Shaw our NSW Secretary who has been appointed Federal Secretary.

SRACA NSW is planning the 2015 State Conference at the Hunter Valley, the dates will be the 8th, 9th & 10th of November 2015. Please spread the word to the sterilising industry & encourage them to become members of SRACA & attend our conferences. The fees are tax deductible and most important of all our aim is to raise the profile of the sterilising technician.

We have more info on the annual WFHSS 15th World Sterilisation Conference 2014 held in Prague in this issue. The WFHSS 16th World Sterilisation Conference in 2015 will be held in France, flyer attached in this issue of the journal. However the 17th World Sterilisation Conference for 2016 will be held in Australia.

The new standard was released in December 2014. SRACA NSW is planning to organise workshop(s) for our members, we will have more info on our website, so please watch this space.

Our Journal will be an online issue starting this year hoping to move with the changing times.

Also to all our existing members just a reminder to renew your memberships for 2015.

Regards George Papadopoulos

Annual WFHSS Prague

The 15th World Sterilization Congress was opened with a changing of the guard. Wim Renders announced that he was standing down as president and that several other positions on the committee had changed.

The following is a brief description of the presentations. Unfortunately many of the sessions ran concurrently. It was not possible to attend all of the presentations as they were only given once. I elected to attend the sessions that I deemed most relevant to my work and as a result missed the Dentistry, Endoscopy, Hospital environment, and infection control sessions. It was disappointing to miss nearly 50% of the conference speakers presentations, but unavoidable due to the scheduling.



The new WFHSS executive. (Teressa Normington 3rd from left)

Key note speaker

David J. Weber (USA)

Assessing the risk of disease transmission to patients when there is a failure to follow recommended disinfection and sterilization guidelines.

David J Weber detailed incidents in USA where surgical instruments had been reused following inadequate reprocessing in the Hospital sterilising department. One million endoscopic procedures performed each year in the U.S 4.5% potentially exposed to nosocomial infection. Various reasons cited for failure to reprocess correctly, including use of motor oil in place of disinfectant. Hospitals in U.S determine level of risk to patient following processing failure. If risk is sufficiently low, the patient is not advised.

Y. L'Hocine

New developments in sterilisation and decontamination using nanotechnologies.

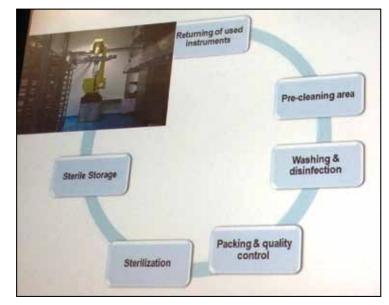
Nano particles of copper oxide and other metals may result in decrease in antibiotic resistance in pathogenic bacteria. More research is required to develop

systems of delivery to patients, but results so far indicate that there may be future potential for nano particles in combatting disease.

P. Hillsberg, G. Antonisen

The use of robotics and automatisation to achieve a better work environment and efficiency.

Robots used for assembling list carts for surgery. A video was presented showing robots removing instrument sets from storage for surgical set ups. Future plans involve a four million \$U.S investment in robot technology in Denmark, to fully automate the sterilising and storage of instrument sets.



Robots used in all phases of RMD reprocessing

Annual WFHSS Prague...continued

N. Jain

Best practises for robotic instrument reprocessing.

Following on from the use of robots in the set up area, by 2018 a new development will also include removal of sets from containers and placement in the washer. It is hoped that all manual handling of heavy sets will be eliminated. Instruments will be manually sorted for packing, but all other activities within the sterilising area will be performed robotically. Sets will be RFID tagged. The cost is estimated at one hundred and fifty million euros.

G. Kirmse

Influence factors on cleaning efficacy of standard instruments.

This report detailed comparisons of a range of test soils, concluding that alkaline detergent and high water pressure during washing washed best.

T. Tomkinson

Reducing the risk of iatrogenic CJD – improving the cleaning of re-usable neurosurgical instruments.

UK statistics demonstrate a 1:2000 incidence of vCJD (2013). 4 cases of iatrogenic vCJD have occurred. Tests on instruments following washing showed that on average 756ng of protein remained on instruments. Flat instruments were the most difficult to wash due to shadowing and had most protein remaining at the end of the wash cycle.

V. Akimkin, P. Demidov

Sterilisation of MD in healthcare organisations. Development of Medical service.

Outline of Russian healthcare. Detailed how the Soviet era of rundown healthcare facilities is slowly being transformed in Russia by gradual improvements to comply with ISO and EN standards.

G. Cirulis

Where is a challenge for process challenge devices. Recommended a change to class 6 indicators for use in PCD's

V. Turcic

New, Modern textiles as wrapping material for sterilisation.

Tested a range of fabrics, Cotton, Tencil and OP laminate, all of which demonstrated resistance to bacterial penetration after 3 months shelf life and 50 wash cycles.

M. Tanedo Tuya

Traceability and productivity.

Outlined how education and installation of instrument tracking can result in improved productivity. "Rightsized" sterilising department from 40 to 16 fte during GFC with no deterioration in quality or output.

H. Orussoren

Practical issues of the validation of steam autoclaves.

Survey of Dutch hospitals to determine whether sterilisers were being validated correctly. Analysis of the data revealed a lack of detailed requirements for the validation procedure and corresponding poor compliance.

C. Denis

Pre assembly of operating trays in OT: an innovating and structuring concept.

Annual WFHSS Prague...continued

A trial was conducted where OT nurses washed and packed trays after surgery. The sets were then sent to the sterilising department for processing. Everyone was happy with this approach despite the apparent double handling and use of highly paid OT nurses to perform tasks usually assigned to sterilising staff. It resulted in fewer lost instruments and satisfied OT nurses as sets were returned complete and clean.

D. Percin

An unknown danger in the operating rooms: open system filling adapters.

Determined that adapters used to fill vaporisers can become contaminated and in turn can contaminate the anaesthetic agent. Recommended routine high level disinfection of adapters or single use.

T. Zanette

Case related provision of reusable medical devices and disposables in a operating theatre of so called a hospital with maximum supply (sic).

Outlined the importance of productivity for maintaining profit for the hospital.

O. Willieme

Safe surgery safes (sic) lives, WHO challenge impacts on daily CSSD activities.

Outlined the global implementation of the Surgical Safety Checklist, a 19 item tool created by WHO of checks to ensure that the correct patient, type and site of surgery is performed.

I. McIvor (presented by H. Oussoren)

Delivering better customer service: a 25 point plan for success.

Unfortunately the change of presenters resulted in loss of most of the detail of the subject. An outline of the services provided by a large central decontamination unit in Glasgow Scotland.

V. Buchrieser (presented by T. Zanette)

A study of the A0 - concept has started.

A study to evaluate the microbiological validity of the A0-Concept found that inactivation of E. faecium at lower temperatures and longer exposure times was never as effective as the inactivation at higher temperatures and shorter exposure times. Recommendation that disinfection temperatures for hospital goods such as dishes and bed pans be increased.

"I guess no one explained the A0-concept to the bacteria"

T. Salinska

Education system in Poland. The title says it all.

Thank you to FSRACA for the sponsorship and opportunity to attend the 15th World sterilisation congress. Lessons for Brisbane:

Delegates were supplied with a USB containing abstracts at the start of the conference. This was no use to me as I couldn't connect it to my iPad, but would have been handy if I had a laptop with me. Free WiFi at the venue.

Delegates were supplied with a free transport pass for buses, trams and trains. This allowed delegates who were staying at cheap hotels (me) in the city free transport to the venue each day.

Annual WFHSS Prague...continued

Morning and afternoon tea/coffee and cakes - probably could have survived with drinks only at the afternoon session. Being a European venue, beer and wine were also available.

Lunch consisted of a box with sandwiches – choice of meat or veg with a drink and cake. It was basic but acceptable. We paid a lot for catering for the Perth conference and probably went over the top. Consider what we need to provide at Brisbane as delegates are there for the education and networking, not the food.

The conference dinner was held at the town hall. It is always nice to attend a function that displays some of the history or culture of the country in which the conference is held. Not sure what opportunities exist in Brisbane for such an event - perhaps a tour of the Castlemaine brewery or Bundaberg distillery?

Finally- the quality of presentations was varied. Most were relevant and scientifically researched but others turned out to be edification for grandmothers on how to suck eggs. Some were very partial to a particular product and it appeared likely that the speaker was sponsored by the vendor, although there was no disclosure in the programme. It may not be easy to identify the most suitable presentations by reading the abstracts when short listing, but if the committee has any say in who gets to present at Brisbane, then we should select carefully and go for quality over quantity.



Gala dinner at the Town Hall



Prague - Czech Republic



Astrological clock in Wenceslas Square



Charles B--ridge with the old city behind

S.R.A.C.A (N.S.W) Inc AGM



P.O. Box M71 Missenden Road CAMPERDOWN NSW 2050 3rd June 2015

NOTICE OF THE ANNUAL GENERAL MEETING TO BE HELD AT THE NORTHMEAD BOWLING CLUB, 166 WINDSOR ROAD, NORTHMEAD ON WEDNESDAY 3rd June 2015 AT 6.00PM AGENDA

- 1. PRESENT
- 2. APOLOGIES
- 3. ACCEPTANCE OF PREVIOUS MINUTES
- 4. BUSINESS ARISING FROM MINUTES
- 5. CORRESPONDENCE PERTAINING TO AGM
- 6. BUSINESS ARISING FROM THE CORRESPONDENCE
- 7. REPORTS
 - a) PRESIDENT
 - b) SECRETARY
 - c) TREASURER
- 8. ELECTION OF OFFICE BEARERS FOR 2015-2016
- 9. NOTICES OF MOTION
- 10. GENERAL BUSINESS Pertaining to the AGM

IN ORDER TO ORGANISE CATERING, MEMBERS ARE REQUESTED TO RSVP BY FRIDAY 29/05/2015 Lynne Noring (02) 9515 8831 Cynthia Shaw (02) 9515 7304

S.R.A.C.A (N.S.W) Inc AGM...continued

ELECTION OF OFFICERS 2015-2016

The following positions are to be declared vacant and nominations for a period of two years are sought in accordance with the Constitution and By Laws of the association.

Vice President	-	Lynne Noring
Secretary	-	Cindy Shaw
Committee	-	Yvonne Emery
	-	Wilson Biason
	-	Tania Wilcox
	-	Vacant Position

Those members who are vacating Office are eligible and may be available for re-election.

WRITTEN NOMINATIONS MUST BE RECEIVED BY THE SECRETARY 7 DAYS PRIOR TO THE ANNUAL GENERAL MEETING.

***ONLY FULL MEMBERS WHO HAVE CURRENT MEMBERSHIP, (WITH A MINIMUM OF 2 FULL YEARS CONTINUOUS MEMBERSHIP) ARE ELIGIBLE FOR NOMINATION (AS PER CONSTITUTION) ***

Return completed forms to:

Cynthia Shaw The Honorary Secretary S.R.A.C.A. (NSW) Inc. P.O. Box M71 Missenden Road CAMPERDOWN NSW 2050 Fax: (02) 9515 8120

THE NOMINATION FORM BELOW MAY BE PHOTOCOPIED

NOMINATION FORM FOR THE ELECTION OF COUNCIL OFFICERS AND COMMITTEE 2015-2016

I	_being a fully paid up member of the Sterilising
Research and Advisory Council of Australia (N	NSW) Inc. nominate:

Name______for the position of______

Signature	Nomination Seconded by	/
-----------	------------------------	---

Signature of person nominated accepting the nomination_____

Opening of the Simulation Training Precinct







The Minister for Education MR Adrian Piccoli opening the simulation training precinct at Randwick TAFE Sydney. The simulation precinct has an aged care ward, an acute care ward, a nurse station and a sterilisation services department. In the photos is the TAFE Director David Riordan, Managing Director Pam Christie and the Minister for Education Mr Adrian Piccoli.

Mr Piccoli stated that the opening of this cutting edge healthcare training precinct is an example of TAFE NSW focus on meeting the needs of industry, and delivering high quality training and education to students to make them job ready.

16th World Sterilization Congress



& Annual conference of AFS

7-10 OCTOBER 2015 Lille, France

www.wfhss-lille2015.com

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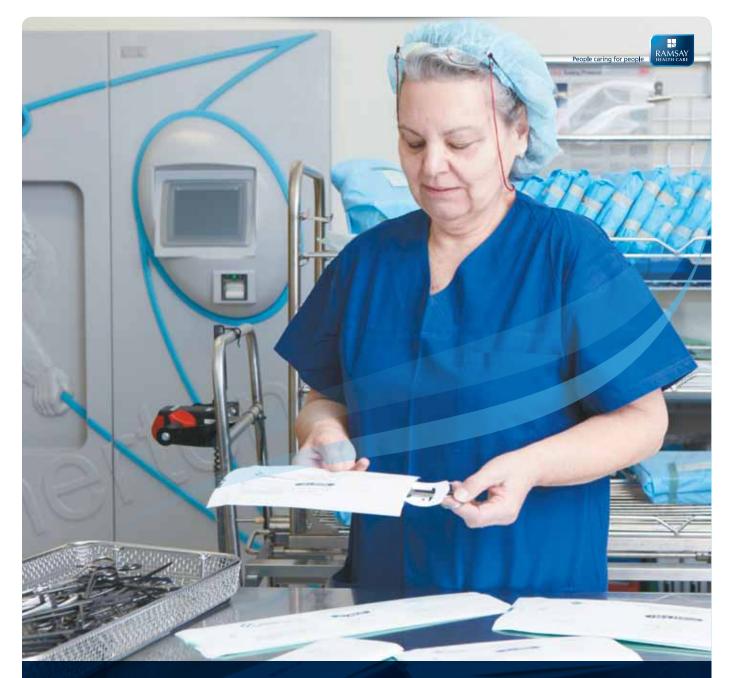
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Why Partner with Aesculap Consultancy?

B. Braun manufacture the world leading range of Aesculap surgical instruments, sterile container systems, power tools and endosurgery products.

This foundation and our unrivalled expertise in project management offers a unique ability for us to partner with healthcare groups to assist in maximising your operational capabilities.

Areas of Expertise

Inventory Analysis

We understand in the present financial climate the difficulty in identifying the capital for new instrumentation. Often additional investment is required

due to proposed increase in surgical activity, replacement of instruments in poor condition, transfer of reprocessing to a new location or a move to containerisation.

Set Optimisation

Re-evaluating the contents of your theatre trays can not only potentially reduce the number of sets in circulation, but also provide a new source of instruments which can be utilised in the formation of new trays.

175 Years





Aesculap Technical Service

B. Braun Aesculap Technical Services (ATS) was established in Australia in 2008, sharing our expertise and providing a professional repair service to Customers within Australia & New Zealand.

- Aesculap equivalent replacement items (where possible), for competitor instruments that can no longer be repaired.
- Aesulap Pool Needle Holder Service.
- Laser Marking Service

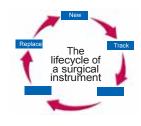
Inventory Management & Tracking Solutions

The Aesculap instacount® PLUS solution provides a full closed loop of traceability and accountability. Items can be tracked through the entire process showing

all parameters are met according to standards. The system has the full capacity to interface with leading manufacturers equipment and 3rd party software solutions. We can build the system around your specific requirements and hospital specifications using modular implementation.

The system provides:

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 Implementation
 Ease of Use by all staff
 Closed loop traceability
 Latest technology



- § Standards compliant
- § Strong network of users
- Sterile goods data analysis



For further information please contact Colin Brook - Aesculap Consultancy on 0439 939 160 or colin.brook@bbraun.com

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Volume 35 No.1

SRACA Committee and 3rd Generation



SRACA committee with Stephen Bradbury



3 generations of sterilising technicians from left: Yvonne, Cynthia and Jamie.

Applying for a Research Grant





Expression of interest for The Sterilizing Industry

Applying for a Research Grant

FEDERATION STERILIZING RESEARCH ADVISORY COUNCIL OF AUSTRALIA

INVITE ALL FINANCIAL MEMBERS OF SRACA to apply for a research grant of up to \$1400.00

This package includes;

- Information
- Guidelines
- Application form

You can request your package from your State Secretary, or download from your State or Federal website.

Applying for a Research Grant...continued

Purpose

To provide financial assistance, to promote research and develop skills to ensure the sterilizing industry is contributing to quality patient care.

Value Maximum \$1,400.00

1. Selection criteria

• Financial assistance will be considered for projects which would be relevant and beneficial to both the applicant and those involved in the field of sterilization.

2. Eligibility

- Highly developed written and oral skills
- State SRACA membership number and proof you are a current active member.
- Be a full member of a state SRACA and have been a member of a state SRACA for a minimum of two years immediately prior to submitting an application
- Be currently employed in the field of sterilization and have been employed in the field of sterilization for a minimum of two years immediately prior to submitting an application
- Has attended SRACA meetings and educational activities during the two years immediately prior to submitting an application.
- Be actively involved in his/her state SRACA. Active involvement is considered to include but is not limited to:-Willingness to serve on SRACA committee or sub-committee
 Promotion of SRACA activities
- Applicants shall submit information about any application for funding from an alternative source/s for the same purpose.
- Only one research grant will be awarded annually.

3. Application Guidelines

- Application forms are available from both FSRACA and SRACA State secretaries
- Applicants should submit a completed type written application form
- Comprehensive Curriculum Vitae, which show details of work and education qualifications.
- Full details of the project, including the objectives, the methodology of the research, the outcome and how the research can enhance sterilization and the estimated or actual budget.
- The proposed project must have commenced within 12 months from receipt of the research grant.
- Within four weeks of completing the research project the recipient will need to submit a type written report outlining the project
- The recipient of a FSRACA grant shall:

Be prepared to speak on the funded project at FSRACA and /or SRACA meetings, conferences or workshops

Applying for a Research Grant...continued

- The report may be published in the "Sterilization in Australia" Journal or in an appropriate national professional Journal at the discretion of the editor.
- The recipient will submit progress reports to FSRACA if requested to do so.
- Papers and reports shall not be returned to the grant recipient by FSRACA committee.
- Projects involving human bioethics shall show proof of permission by the people and/or organization/s concerned.
- The grant may fund all or part of the project
- The grant will be available only once to any individual.

4. Selection

- Completed application forms together with all supporting documentation shall be submitted to the Secretary of the state SRACA of which the applicant is a member, by 31 December each year.
- The state SRACA committee will determine whether eligibility requirements (as set out in this document) have been met.
- All applications will be forwarded by SRACA to the FSRACA Secretary together with a State committee recommendation.
- The applications shall be assessed at a meeting of the FSRACA committee.
- The decision of FSRACA committee shall be final and binding on all matters.
- Confidentiality of the selection process shall be upheld by all those involved.
- The names of successful applicants, together with an outline of project and funds granted, will be published in the minutes of FSRACA meeting.

5. Publication

• Grant recipients shall retain copyright of all papers/reports submitted to FSRACA

6. Financial Considerations

- Applicant shall submit a statement of proposed expenditure for the proposed project.
- FSRACA committee reserves the right to cancel the grant and request return of any monies granted should the recipient fail to pursue the purpose for which the grant was awarded.

7. Alternative Funding

- FSRACA financial grants are conditioned upon the applicant informing FSRACA at any time should funding received exceed the total cost of the project.
- FSRACA committee reserves the right to request the return of monies over and above full funding.

Applying fo	r a Rese	arch G	rantcontinued
Application form (Please circle your title) Title Ms, Miss, Mrs, Mr., Dr			
Surname			
Given Names			
Address			
	Post co	ode	
Email address			
Phone number			
Current occupation and years of expen	ience		
Amount of Funding requested \$ I have/have not made application to al If YES from whom and what support ha	ternative sources for funding	g YES/NO	
If funding is granted I Conditions of FSRACA "Guidelines SIGNATURE:	for Financial Grants"	DATE	
OFFICE USE ONLY			
Received by	State SRACA See	cretary on	
State SRACA comments regarding eligi	pility (as per financial grant g	uidelines)	
	POSITION:	DATE:	
Received by FSRACA Secretary on			
Presented to FSRACA meeting on			
FSRACA Action:			
SIGNED:	POSTION:	DAT	 E:
Attachments Current SRACA Membershi 	'n		
Curriculum Vitae	F		
 2 x Professional Referees Proposed Project			

• Budget Plan

Applying for a Research Grant...continued

Applicant_____

- 1= Criteria not met
- 5= Criteria fully met

Criteria Rating Comment

1. Documentary evidence.	(Circle correct answer)
Current membership and active member State group	YES/NO
Two relevant references supplied	YES/NO
Curriculum Vitae supplied	YES/NO
Project details	YES/NO
Budget Plan	YES/NO
2. Essential Qualifications supplied	YES/NO
3. Communication skills	
• Written	1,2,3,4,5
• Oral	1,2,3,4,5
Summary	
(Circle the correct answer)	
Approved/not approved	
Amount granted \$	
SignatureD	ate

2015 Calendar

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S.R.A.C.A. (N Membership Appl Renewals Due December Annu				
Sterilizing Research & Advisory	Council of Australi	a (NS	W)	
NEW MEMBERSHI	IP/RENEWALS			
MEMBERSHIP COMMENCES: 1 st January each year and is valid till 31 st December of the same year				
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ASSOCIATE Membership includes Journal	\$50		\$50.00	
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