

ISOPP Standards of Practice - Safe Handling of Cytotoxics

*As almost his final act as ISOPP President 2004-2006, Graham Sewell officially launched the first ISOPP Standards of Practice during ISOPP X in Kuala Lumpur. The final draft of this very important document is open for comment by ISOPP members and is available by logging onto the ISOPP website (www.isopp.org) and going to the Education Centre. All ISOPP members will be able to comment and the Standards Committee will consider all comments, suggestions and changes you have about this practice standard prior to the final approval and publication of the Standard. Simply email your comments to mclaucr@svhm.org.au. The document will remain open for comment until **15 July 2006**. In addition, the Standards Committee is still considering the final publication format for the standard - you can have your say about this too. Simply go to "Current Poll" on the website www.isopp.org and place your vote.*

This 117 page document is the result of an astounding amount of work by the Standards Committee and ISOPP is very grateful for their commitment to this work. Included here the preface to the standard.

Preface

In 2003, the president of the International Society of Oncology Pharmacy Practitioners (ISOPP) approved a recommendation of the secretariat to establish a new Standards Committee. It was envisaged that this committee would be composed of ISOPP members from a number of different regions of the world. With this in mind, and considering the importance of the work of this committee, three co-chairs were appointed from different ISOPP regions:

- Thomas Connor (USA)
- Robert McLauchlan (Australia)
- Johan Vandembroucke (Belgium)

The first task for the co-chairs was to establish a working committee of motivated and enthusiastic ISOPP

members from around the globe. In March 2003 an individual invitation letter was sent to every ISOPP member seeking expressions of interest in joining the committee. Anyone who had previously expressed an interest in the workings of the committee was also approached. This recruitment resulted in a core team of hardworking committee members without whom this Standard would not be possible.

The co-chairs decided that existing regulations, guidelines, standards or recommendations from around the world should be examined prior to starting work on an ISOPP Safe Handling Standard. In order to keep track of all these documents and to be able to analyse these guidelines in a consistent and logical way, a structured database was established. This was a web-based tool to allow committee members from

around the world to enter data and access information over the internet. The database was divided into 29 different sections, covering all possible items related to the safe handling of chemotherapy including Good Manufacturing Practice for sterile cytotoxic products, clinical oncology pharmacy, medication error prevention and patient related issues.

A total of 15 documents were entered into the database and analysed. The sources of documents examined included:

- Workers Compensation Board of British Columbia (CAN)

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Editorial

The ISOPP X symposium in Kuala Lumpur, Malaysia was a resounding success. From the colourful opening ceremony with the formal striking of the gong, through the varied educational presentations and the social gatherings to the closing session, all the attendees agreed it was a most rewarding meeting. There were 75 presentations and 52 posters as well as the 4 best papers. With nearly 500 people from 49 countries, ISOPP welcomed more than 100 new members. If you were unable to be in Malaysia, visit the ISOPP website to view the scientific presentations (in the Education Centre – thanks to Helen Leather) and the Symposia area to access a montage of the meeting (thanks to Mr John Chang – President of the Malaysian Pharmaceutical Society). Anyone present at the meeting who would like their photos to be added to the website, please email them to me at jillian.davis@austin.org.au. Please don't forget to take the opportunity to comment on the Standards of Practice document - your comments are important to us.

Cheers



Jill Davis



(Here I am enjoying some sunshine in KL after ISOPP X)

ISOPP Standards of Practice - Safe Handling of Cytotoxics

- British Columbia Cancer Agency (CAN)
- German Cytotoxic Workgroup (GER)
- National Board of Occupational Safety and Health (USA)
- Occupational Safety and Health Administration (UK)
- Brazilian Society of Oncology Pharmacy (BRA)
- Society of Hospital Pharmacists of Australia (AUS)
- UK Pharmaceutical Isolator Group (UK)
- Worksafe – Victoria Workcover Authority (AUS)
- Guidelines of University Hospital Gent (BEL)

At the ISOPP IX Symposium in Torino, Italy in 2004, the committee co-chairs presented the results of the analysis of the database to the ISOPP secretariat and it was decided that work could proceed into the next phase of writing an ISOPP Standard for the Safe Handling of Cytotoxic Drugs. From previous experience with the database,

it was decided that the ISOPP website would be used for communication between committee members, and to this end the Standard of Practice Discussion Forum was set up by the ISOPP publications committee.

All committee members were invited to participate in the writing process or to become part of a reviewing panel. Writers with different areas of expertise were chosen for different chapters of the Standard to ensure coverage of all items examined in the database.

Ten ISOPP members were actively involved in the writing of the Standard:

- Albert-Mari Asuncion, Spain
- Thomas Connor, USA
- Sylvie Crauste-Manciet, France
- Harbans Dhillon, Malaysia
- Dianne Kapy, Canada
- Robert McLauchlan, Australia
- Ioanna Saratsiotou, Greece
- Graziella Sassi, Italy
- N Victor Jimenez Torres, Spain
- Johan Vandenbroucke, Belgium

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ISOPP Standards Committee members at ISOPP X



Coming down stairs from right:

Hannelore Kreckel (GER)
Asuncion Albert Mari (ESP)
Thomas Connor (USA) [Co-Chair]
Harbans Dhillon (MAL)
Dianne Kapy (CAN)

William Rotea Jr (BRA)
Johan Vandenbroucke (BEL) [Co-Chair]
Sylvie Crauste-Manciet (FRA)
Robert McLauchlan (AUS) [Co-Chair]
Ioanna Saratsiotou (GRE)
Graziella Sassi (ITA)

ISOPP Standards of Practice - Safe Handling of Cytotoxics continued

In the writing of the standard, a number of other resources were consulted, including:

- EU GMP Guideline
- US NIOSH Alert
- US OSHA Guideline
- GMP Hospital, Netherlands
- GMP Hospital, France
- Italian Guideline for Safe Handling
- MARC Guidelines (Internet)
- QUAPOS = Quality Standard of Oncology Pharmacy Service DGOP Germany
- Quality handbook Chemotherapy Cancer Institute Antoni Van Leeuwenhoek, Netherlands
- Handling Cytotoxic Drugs –Industrial Medicine Assurance Company, Switzerland
- Professional Organisation for Health and Industrial Medicine, Germany
- ASHP guide for Compounding Sterile Preparations
- Preparation and Administration of Anti Cancer Drugs, France
- CAMROQ Education and Training CD ROM, Risk Control and Quality of Chemotherapy Handling – 5 European Countries (France, Belgium, Spain, Portugal, Poland)
- Quality Standard on Oncology Pharmacy Services (ESOP 2° Conference)

In addition, the personal experience of the writers played an important role in the creation of this work. Where specific references are used, these are quoted and listed at the end of the document.

Drafts of each section were reviewed and discussed by the writing team and the reviewing group, consisting of members from Mexico, Japan, Singapore, Canada, Belgium, Germany and South Africa. Each reviewer was able to provide comments and these

were then discussed and integrated into the draft document upon agreement of the majority of the committee. Not everyone will agree with every detail given in the final document, but the Standards Committee considers this Standard “Evidence Based” in some parts and “Best Practice” in others.

As discussed during the General Assembly of ISOPP in Torino, Italy, in 2004, the committee is aiming at a high level with this standard. This means that perhaps many practitioners may not fully comply with the Standard as written today, but the Standard should be seen as something we all can work towards. There is a clear goal for ISOPP members around the world. Some of us will succeed within a relatively short period of time, whereas others will struggle to fully comply with this Standard. However, they will have at their disposal documentation of what is regarded as best practice and so will know exactly what should be asked of Pharmacy Directors and Hospital Administrators.

We wish all our ISOPP colleagues good luck in the development of a safe and high quality oncology pharmacy service.

Regards

Thomas Connor



Robert McLauchlan



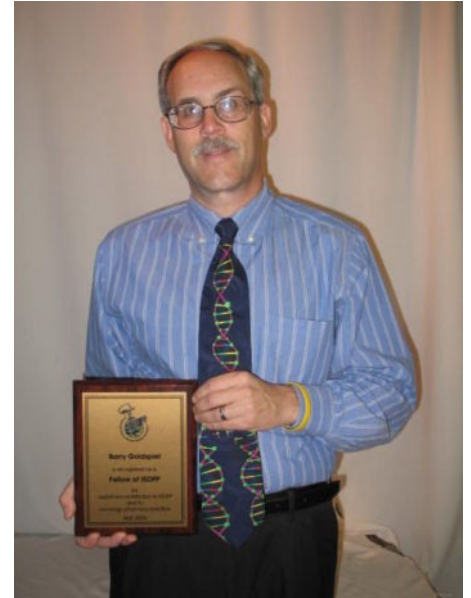
Johan Vandenbroucke



ISOPP Standards Committee Co-Chairs
– April 2006

[Editor – in order to publicise this standard (once completed), I am asking all members to send in the names and address of their local pharmacy associations. Then when the Standards of Practice are finalised we can send out a letter to all these associations. Please send names and addresses of your pharmacy organisation to jillian.davis@austin.org.au]

ISOPP Fellowship Award 2006



Barry Goldspiel and FISOPP

The ISOPP Fellowship Program is intended to recognize excellence in oncology pharmacy practice and grant recognition to and promote global awareness of pharmacists who have distinguished themselves in oncology pharmacy practice. Fellowship is awarded to individuals who have demonstrated a continued high level of excellence in oncology pharmacy practice, research, or management, and who have made a sustained contribution to ISOPP. Barry Goldspiel successfully completed the requirements to attain the fellowship and can now use the post-nominals FISOPP.

[The criteria and application form for FISOPP is available from the www.isopp.org - why don't you see if you are eligible? Ed]

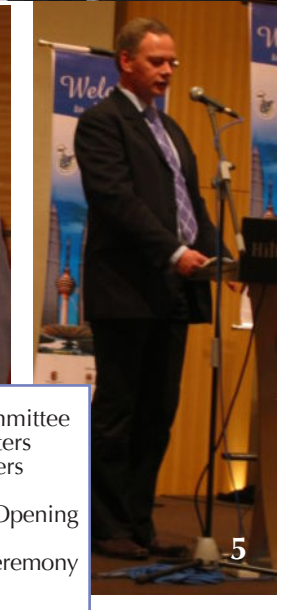
ISOPP International Travel Grants 2006

Jayne Kivai (Kenya) – Jayne is currently writing her thesis and will submit her report on ISOPP X for the next edition of the newsletter

Vijay Roy (India) – see Vijay's report on ISOPP X elsewhere in this newsletter



Barry Goldspiel, Past- President 2002-2004 is awarded the most prestigious ISOPP award – the Helen McKinnon Award - at the opening ceremony of ISOPP X. Helen McKinnon was able to present the award, in person, to Barry. Congratulations Barry!



1. Last minute pep talk for the organising committee
2. Graham Sewell President 2004-2006 registers
3. Thomas Garms Treasurer 2004-2006 registers
4. Opening ceremony introductions
5. Graham Sewell President 2004-2006 at the Opening Ceremony
6. Deputy Minister of Health at the Opening Ceremony
- 7 First Key-note Speaker Prof. Ian Olver.

Good time at ISOPP X Symposium

Vijay Roy

Kuala Lumpur city was certainly a splendid place for organizing the conference. I was invited with travel grant for 2006 ISOPP X conference. Attending the ISOPP conference was a great opportunity which enabled me to meet many professionals worldwide.

ISOPP provides excellent platform to network with international oncology pharmacists with a personal touch. I met many local pharmacy graduates & interns and shared my professional experience. For a young oncology pharmacist there was a wide range of programs to participate in. It was not

possible to attend all the session at a time as different sessions were running simultaneously. However this allowed each delegate to select the program of their interest and needs. In my opinion one should, take every opportunity to get involved with recent advances in supportive care and ISOPP standards of practice oncology pharmacy while at congress for updating oneself with the latest news and information about the profession, globally. I have also enjoyed visiting the stalls in the exhibition and collected many informative materials. Kuala Lumpur is such a wonderful city with beautiful buildings and people. The Malaysian

delicacies were indeed a treat to be remembered for the life time. There was not much free time throughout the congress but I managed to visit places like KL tower, Twin tower, China town and the KL tourism center. I am convinced that for oncology practicing pharmacist, attending an ISOPP conference is a worthy experience. I strongly encourage all the oncology pharmacists, to try attending the ISOPP conference where you can make many friends and get more involved personally. The next ISOPP conference will be held in USA. I hope to meet everyone again at the next ISOPP XI in 2008.

The ISOPP Achievement Awards

Two ISOPP Achievement awards were given out at ISOPP X during the opening ceremony. They were presented by the Deputy Minister of Health Malaysia Yang Berhormat Datuk Dr. Hj. Abdul Latiff Ahmad who officially opened the symposium.

The first was given to Carole Chambers, Canada, for longstanding commitment to oncology pharmacy practice through sustained excellence in providing oncology pharmacy services, leadership in innovative oncology pharmacy-related research and ongoing contributions to ISOPP. Carole will be continuing her commitment to ISOPP as she was voted in as President-Elect 2006 –2008.



Helen receiving her award

The second award was presented to Helen Leather, USA, for education of Haematology and Bone Marrow Transplant pharmacists through the annual BMT Pharmacists Meeting, and for outstanding commitment as ISOPP Education Committee Chair.



Carole with her award

The Secretariat 2006 - 2008 was inaugurated at ISOPP X

President: Saad Othman
President – Elect: Carole Chambers

Treasurer: Terry Maunsell
Secretary: Kim Stefaniuk
Members: Per Hartvig, Jude Lees, Johan Vandenbroucke and John Wiernikowski

To contact the Newsletter Editor email:
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JOPP Best Papers of the Year

The award consists of a plaque and a cash award. Congratulations to the following authors for their papers. There are two categories of best paper - research and pharmacy practice.

1. E.D. Greanya; S.C.M. Taylor; F. Hu; J. Barnett; B. Thiessen
“Temozolomide for malignant gliomas in British Columbia; A population-based cost-effectiveness analysis.” published in December, 2004.

2. Dawn Annable
“Developing a targeted pharmacy oncology guide.” published in December, 2004

The 4th European GERPAC conference will be held October 4th - 6th, 2006 in France.

Further information is available from the ISOPP website in the News Section including the program, the registration form and the abstract form should you wish to submit an abstract. This meeting has simultaneous translation of French into English and vice versa. The GERPAC President is ISOPP Standards Committee member Sylvie Crauste-Manciet.

Poster travel awards:

Congratulations to the winners.

1. Oncology pharmacy practice – practice standards or education:
Jiin Nyuk Fung – Antiemetic guidelines – does the evidence translate into practice?
2. Oncology pharmacy practice – drug preparation or delivery:
Sarah Roberts – Studies on the decontamination of cytotoxic drugs on surfaces in chemotherapy workstations
3. Preclinical
Alain Astier – (2-phenyl-[1,3,2]dithiazolan-4-yl)-methanol derivatives demonstrate *in vitro* antileukemic activity
4. Clinical research:
Diana Booth – Keratinocyte growth factor in allogeneic stem cell transplant

ISOPP New Members 2006

Australia:

Andrew Casinader
Bernadette Comiskey
Huda Ismail
Joshua King-Yaw Lee
Philip Ibrahim Roberts
Pauline Wilson
Samuel Wong

Belgium:

Sabine De Schrijver
Karine De Wulf
Roald Smeyers
Rob Thys
Bernard Van Gansbeke
Karen Vermis

Brunei:

Hui-Ling Ong

Canada:

Michael Leung

China:

Derek Ho
Patrick Leung
Brendan Wahab
Becky Bik-Kei Wong

Czech Republic:

Lenka Dolezalova
Petra Vasutova

Finland:

Hanna Moilanen

France:

Aline Mousnier
Jean Vigneron

Germany:

Ruth Gebhardt
Franka Timmel-Gremm

Iceland:

Thorir Benediktsson
Gudbjorg Gudmundsdottir

Iran:

Sara Fathali
Bibi Sedigheh Fazly Bazzaz
Molouk Hadjibabaie
Mghrangz K-H Jekarmedinin

Ireland:

Geraldine Colohan
Anne-Marie De Frein
Gail Melanophy

Japan:

Manabu Tanimura

Jordan:

Sewar Al Salmany
Lina Wahba

Kuwait:

Moussa Alkhalaf

Macau:

Sandy Man Soi Lo
Aida Sam In Ung

Malaysia:

Abdol Malek Abd Aziz
Shahrizat Abd Hamid
Muhammad Azahari Abdul Majid
Asmarul Akrom Abdullah Zawawi
Rahela Ambaras Khan
Shamala Balan
Lee Beng Kiat
Pui Min Chan
Chee Yu Chen
Soong Chi Cheng
Yam Chiew Fong
Siew EE Choong
Wee Nei Choong
Lay Ming Chua
Mak Fong Ling
Izyan Diyana Ibrahim
Rokiah Isahak
Kamariah Shamsinar Kamarul
Baharin
Wendy Khor
Navin Kumar
Yuit Jiet Lee
Joyce Lim
Ly Sia Loong
Mohamed Mansor Manan
Mohd Rushdan Md Noor
Faridah Md Yusof
Rozita Mohamad
Tajunisah Mohamed Eusoff
Adnan Mohd Adlan
Rohaizan Mohd Hanafiah
Rozita Mohd Idris
Kamarun Mohd Kassim
Natasha Mohd Yusop
Shirley Moy
Yuzlina Muhamad Yunus
Asma Murshid
Jotri Narayanan
Nik Nuradlina Nik Adnan
Supadhara Ramaiyah
Dewa Nathan Raman
Razali Rizal Husaini
Ganesh Rao Sannasi
Sameerah Shaikh Abdul Rahman
Nur'ain Shuhaila Shohaimi
Che Zuraini Sulaiman
Hui-Yew Tee
Kok Thong Wong
Monica Yam Fui Chien
Sze Whey Yen
Lim Yeok Siew
Zarina Zahid

Mauritius:

Ravindranatm Gaya

Saudi Arabia:

Saeed Al-Baraki
Rashed Alyami
Saleh Al-Zahrani
Ahmed Saadeddin

Singapore:

Shijia Chen
Swee Lian Cheong
Ngio Ednajoey
Ming May Leong
Irene Quay
Vivianne Shih
Simon Tay
Mun Yee Tham
Yuet Peng Wong
Soo Lam Yeo

Slovakia:

Katarina Sykorova

Spain:

Raul Diez Fernandez
Amelia Ramon-Lopez

Sudan:

Hind Abu-Median
Waheeba Eltom

Switzerland:

Francesca Pult-Gianola

Taiwan:

Xin-Yi Yang

United Arab Emirates:

Majdolin Abu Musallem

United Kingdom:

Penny Buckingham
Helen Chan
Sarah Roberts
Deborah Wright

United States of America:

Marcia Frey
Kellie Jones

Visit the Education Center at www.isopp.org to view all the presentations from the ISOPP X symposium. A special thanks to Helen Leather and her Committee for ensuring such a successful meeting. Helen was presented with flowers at the closing ceremony.

