



OMGPIVC.org
One Million Global Catheters Prevalence Study

OMG PIVC Study

www.omgpivc.org

July 2015 - Edition 5

Welcome to the OMG study newsletter!

Welcome to the latest OMG Newsletter, also available at www.omgpivc.org. We have had so much happen since the Christmas newsletter!

Data submission has finally closed....

We would like to thank all of our colleagues who took time out of their busy schedules to collect, collate and submit data to the OMG study. This has been a mammoth task, but the data we have collected together will improve patient outcomes. We have been inundated with thousands of data forms and we have 15 people currently entering data.

Data received so far...

We now have close to 40,000 PIVCs on the database from 49 countries with an estimated 65,000 patients screened! One million was always a very optimistic number – and a little tongue in cheek – and we knew that to attain anywhere close to that would require millions of dollars in funding with dozens of project managers around the world. Aside from some generous

Study update...

Data collection has ended

409 hospitals in 49 countries have taken part

Data have been collected in 15 languages

Almost 40,000 PIVCs entered

An estimated 65,000 patients screened!

Data entry continues

Analysis phase begins soon!

and very welcome donations from industry (BD, BBraun, 3M and Hospira) to help pay for the study coordinator and data entry assistants, the majority of the study has been unfunded.

Despite this, we have been able to undertake the largest ever prevalence study in vascular access. This could not have been achieved without the generosity and time of all the dedicated clinicians and researchers

across the world who gladly contributed their time. We are extremely grateful for your ongoing enthusiasm and support for the study.

What happens to the data now?

All hospitals that submitted data will receive their own raw data in an MS Excel spreadsheet. You are welcome to use this data for local auditing purposes. If you have not yet received your data back, don't worry. We are still busy collating and cleaning the data to send back to you.

Once all the data has been entered, cleaned and collated, the data analysis phase of the study will begin.



Gillian, Mari and baby Erika talk data

Participation certificates

All study participants at each site will receive a certificate of participation in appreciation for their effort. If your team members deserve recognition, please send their names to Gillian and we will make sure they receive a certificate as well.

OMG Pilot study has been published...

We conducted the OMG pilot study in December 2013-January 2014 to explore the feasibility of conducting a global prevalence study of the use of PIVCs.

Fourteen hospitals in 13 countries took part in the pilot. Approximately 480 patients were screened; 59% had at least 1 PIVC, with 16% having another type of device. Approximately 25% had no vascular device at all. Among the patients who had a PIVC, 16% of those were idle (not in use on the day of the study).

The results of the pilot study have now been published in the *Journal of Hospital Medicine* **Volume 10, Issue 8, pages 530–533, August 2015**, DOI 10.1002/jhm.2389

A very big thank you to the staff and hospitals who participated in the pilot study and provided invaluable feedback. Your contribution and feedback has enabled us to conduct the main study.

Dissemination of results for the main OMG study...

Following the data analysis phase, we will publish the full study results in a peer-reviewed journal and you will be notified. We expect to have the full paper published in the first half of 2016.

This September we will present the preliminary results of the study in Dallas, Texas, at the 29th Annual Scientific Meeting for the Association for Vascular Access (AVA). Thank you to BD for providing funding for this opportunity.

In June 2016, we will showcase the full results at the World Congress for Vascular Access in Lisbon, Portugal.

We hope to see you and chat to you at one of these presentations. Come along and say G'day!

What happens after the study is finished?

Many of you have expressed interest in participating in future IV research with our team. If you would like to be notified of future collaborative opportunities, please subscribe to our AVATAR newsletter (www.avatargroup.org.au) and follow us on Twitter @AVATAR_grp

Photos...

Thank you to everyone who has submitted their photos of the OMG experience. It has been absolutely humbling to witness the enthusiasm and keen participation of clinicians from all over the world taking part in our study.

Peter Carr is in the process of creating a video using these photos. The video will be available on the OMG website and clips will be used at conference presentations. No names of anyone in the photos will be published.

If you would like to submit a photo of your team, it's not too late.

In Conclusion:

Again, a huge thanks to everyone for their ongoing support. Coordinating this project is an enormous task and as fellow clinicians we are undertaking much of this work around our clinical and academic duties. But it has definitely been worth it!



Sir Charles Gairdner Hospital, Perth, Australia

OMG teams from around the globe!

Clockwise from top left: Lady Cilento Children's Hospital, Brisbane, Australia; CHU Beaujon, France; Our Lady's Hospital, Navan, Ireland; Dubbo Base Hospital, NSW, Australia; Ödemiş Devlet Hastanesi, Turkey; St George's Hospital NHS Trust, Surrey, UK.



Clockwise from left: Tropicana Medical Center, Malaysia; Nambour General Hospital, QLD, Australia; Hospital General San Agustin, Linares, Spain; OMG teams in China; Hospital Privado Santa Clara de Asís, Salta, Argentina.



Clockwise from left: Bern University Hospital, Switzerland; Medanta the Medicity, Gurgaon, India; Cumhuriyet University Hospital, Turkey; St Luke's Medical Center, Quezon City, Philippines; Turku University Hospital, Finland; Greenville Memorial, South Carolina, USA.



Clockwise from left: Royal Surrey County Hospital, UK; Hospital Dr Ventura Lloveras, Argentina; St Petersburg, Russia; Hospital Fernández, Buenos Aires, Argentina; Hospital San Bernardo, Salta, Argentina; Royal Devon and Exeter NHS Trust, UK; Surgical Center named after Pirogov, Moscow, Russia.



International partnership opportunity with the Democratic Republic of the Congo

Our colleague Mr Elie Kasindi Kabululu from the Centre Médical Evangélique de Nyakunde, Beni, Democratic Republic of the Congo, is eager to establish a twinning partnership with a Western hospital for his hospital. Elie is a very enthusiastic and hard-working nurse, who participated in the OMG study to bring attention to the circumstances his colleagues and patients are facing. With few resources and a lack of education and training for nurses in the DR Congo, Elie says the situation is difficult to provide optimal care and adhere to infection control guidelines.

Elie is a recognised champion of nursing issues in developing economies. He is a member of the Global Research Nurses Network and has established international connections with medical and nursing staff across the globe to highlight the situation in his hospital.

Elie recently had a poster presentation detailing his experience of participating in the OMG study accepted at the 3rd International Conference on Prevention & Infection Control (ICPIC) conference in Geneva. Unfortunately, due to financial and visa constraints, Elie was unable to attend in person. OMG investigator Sheila Inwood proudly displayed Elie's poster at ICPIC and answered questions about the OMG study.

If you or anyone you know would be interested in creating a twinning partnership with the Centre Médical Evangélique de Nyakunde, please contact Elie via email (English or French)

elkaskab@yahoo.fr



Elie and the CME de Nyakunde hospital team proudly displaying their OMG poster from the ICPIC conference in Geneva in June.

The OMG PIVC study team



From left: Dr Evan Alexandrou, Gillian Ray-Barruel, Peter Carr, Dr Steve Frost, Sheila Inwood, Dr Niall Higgins, Dr Frances Lin, Laura Alberto, Prof Leonard Mermel, Prof Claire Rickard

To contact us:

Email: omgstudy-group@griffith.edu.au Website: <http://www.omgpivc.org/> Twitter: [@OMGstudy1](https://twitter.com/OMGstudy1)



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