



Chair: Tony BADRICK

The Royal College of Pathologists of Australasia Quality Assurance Program

Working Group on Patient Based Quality Control

Background

Patient-based real time quality control (PBRTQC) is an evidence-based alternative to conventional QC. It provides improvements in error detection, cost-effectiveness and is commutable. Currently there is much interest in the concepts, but there is still a gap in knowledge and onboard applications. PBRTQC offers many benefits, but there is a need to further promote the concept with laboratories and instrument suppliers.

Objectives

To promote the development and implementation of Patient Based real Time Quality Control systems in clinical laboratories.

1. To provide awareness, education, and training on PBRTQC systems in the clinical laboratory which include:

- Guidance on the principles of PBRTQC and its implementation
- Development of verification procedures for laboratories adopting PBRTQC
- Evidence based approaches to Validation of PBRTQC
- Advice to middleware providers and instrument manufacturers regarding algorithms

2. Education and training will be provided in many ways including:

- Guidance documents and publications
- Online presentations · workshops and seminars · involvement with middleware providers and instrument manufacturers

3. To collaborate with other APFCB Committees or Working Groups to achieve these aims.

Members

1. Tony Badrick (Chair), AU
2. Rui Zhou, CN
3. Joel Smith, AU
4. Guo Wei, CN
5. Tze Ping Loh, SG
6. Guo Wei, CN

Young Scientist, Observer

1. Luke Duan, CN

Corporate member

1. Shane Brown, Abbott, AU

Consultant

1. Chun Yee Lim, SG