

BC Society of **Laboratory Science** Presents



BCSLS Telehealth Video Broadcast

With Kent Dooley

“Getting the Most Information from Blood Gas Analysis”

TUESDAY Sept 20, 2011

The lecture will start with a review of the Physiology of Acid Base Balance and Respiration. Then many of the common pathologies responsible for disturbances in acid-base and respiratory homeostasis will be described, including their mechanisms. The use of blood gas analysis for the diagnosis and monitoring of some of these pathologies and their compensation mechanisms will be discussed. This will be illustrated with several case studies.

Kent Dooley obtained his Ph.D. in organic chemistry from UBC in 1976. He then did a post doctorate fellowship in inherited metabolic diseases at the BC Children’s Hospital. This was followed by a clinical chemistry fellowship at the University of Texas in Houston where he was subsequently appointed to the and to the position of Assistant Technical Director of Clinical Chemistry at Hermann Hospital. In 1981 he moved to the IWK Children’s Hospital in Halifax, Nova Scotia to become the Head of Clinical Biochemistry. In 1984 he became a Founding Fellow of the Canadian Academy of Clinical Biochemists. In 1990 he assumed to role of Director of Pathology and Laboratory Medicine at the IWK Grace Health Center. Dr Dooley is also an Associate Professor of Pathology at the University of British Columbia. His primary clinical and research interests are in newborn screening, inherited metabolic diseases and pediatric and maternal-fetal clinical chemistry. From 1999 – 2007 he was the Chair of the Nova Scotia Newborn Screening Committee and from 2001 – 2003 President of the Canadian Society of Clinical Chemists. In 2007 he was awarded the Canadian Society of Clinical Chemists award for Outstanding Contribution to Clinical Chemistry. Also in 2007 he joined Lifelabs to become the Clinical Chemist at the Victoria Reference Laboratory.

Details: TUESDAY Sept 20, 2011 at 6:00pm – 8:00pm (PDT)

Registration fee for this event: \$28 BCSLS Members/\$56 Non-Members

Online Registration is available on our web site at [BCSLS Education - Live Events](#)