



POSTER PRESENTATIONS

RDD 2012 – “Comparative Performance Evaluation of the Westech Fine Particle Dose (FPD) Impactor” (with Mike Smurthwaite Westech Instruments)

RDD2010 – “Understanding the Cause of Increasing Dose Through Life from a Pressurised Metered Dose Inhaler (pMDI)” (co Author with Agnes Colombani, Rob Jansen, Kath Lee & Darren Hodson)

RDD2010 – “Ultrafast Analysis of Pressurised Metered Dose Inhalers (pMDI) by Direct Spray Mass Spectrometry (Direct Spray-MS)” **Frank Chambers** & Andrew Feilden

RDDXI - “A Novel technique for determining API Solubility in Hydrofluoroalkane Propellants Using Nuclear Magnetic Resonance (NMR) Spectroscopy” **Frank Chambers**, Dave Martin & Julian O’Brien

RDD XI - “Comparative Performance Evaluation of the AeroChamber Max® Anti-Static Valved Holding Chamber with AeroChamber Plus® Using Symbicort Rapihaler® pMDI” **Frank Chambers** & Andrew Ludzik

ATS2007 - “Comparative performance evaluation of the AeroChamber Max® anti-static valved holding chamber with AeroChamber Plus® using budesonide and formoterol in one pressurized metered-dose inhaler” **Frank Chambers** & Andrew Ludzik

DDL 19 (On behalf of the EPAG Impactor sub-team) – “Cascade Impactor Mensuration. An assessment of the Accuracy and Precision of Optical Measurement Systems” - Co Author with EPAG Impactor sub-team.

RDD X - “Novel application for Next Generation Impactor (NGI) Leachable Screening in pMDI Systems” **Frank Chambers**, Iain Fraser & Andrew Feilden

DDL 16 - “Novel application for Next Generation Impactor (NGI) Leachable Screening in pMDI Systems” **Frank Chambers**, Iain Fraser & Andrew Feilden

ERS 2005 - “The In-Vitro Fine Particle Dose with Symbicort Rapihaler is Similar using either NebChamber or AeroChamber plus Valved Holding Chamber Spacer Devices” **Frank Chambers**, Elna Berg, Michael Brown & Jan Olof Svensson

DDL 14 – “pMDI Plume Geometry and Spray Pattern, an Approach to Method Validation” **Frank Chambers**, Simon Lee, Carolyn Merrin, Michael Needham & Babbita Aggarwal

DDL 14 – “An Investigation of the Practical Limitations Of The Pharmacopoeia Spray Pattern Test Using SprayView” **Frank Chambers**, Simon Lee, Carolyn Merrin & Michael Needham

DDL 14 – “Feasibility of aerodynamic particle size distribution testing of high doses from pMDIs using the Next Generation Impactor (NGI)”
Frank Chambers, Simon Lee, Carolyn Merrin & Michael Needham

DDL 14 – “Investigation Into The Effect Of Peak Inspiratory Flow And Tidal Volume on FPD Emitted From Symbicort pMDIs And Holding Chambers”
Frank Chambers, Zoe Kane, Charlotte von Anrep & Andrew Walsh

DDL 13 – “Use of the Mitutoyo Quick Vision 404 System to Mensurate the Critical Dimensions of Impactors” **Frank Chambers**, Ian Carter & Andrew Walsh

APS 2003 – “Evaluation of the Copley TPK-S as a Device for Control of Delay Times and Inspiration Volumes Applied to pMDI/Spacer Testing”
Frank Chambers & Charlotte von Anrep

RDD 8 – “Oropharyngeal Models for Assessment of Pressurised Metered Dose Inhalers” **Frank Chambers** & Ian Shrubb