

## **TecMed, Inc.**

### **Corporate Milestones - August 1994 through January 2017**

#### **1994**

- August 1994 - Pre-organizational market research study completed through the University of New Mexico Anderson School of Business demonstrating the size of the diabetes markets and demand for technology to improve measurement accuracy.

#### **1995**

- November 1995 First Patent Filed - Complex Light Valve Corporation - Spatial Light Modulator and Method.

#### **1996 - 1997**

- Spring 1997 - In Vitro Proof of Concept Studies.
- June 1997 Second Patent Filed - Method and Device for Glucose Concentration Measurement with Special Attention to Blood Glucose Determinations.
- Summer 1997 - In Vivo Proof of Concept Studies.
- September 1997 - First Hand-Held Design.

#### **1998**

- June 1998 First Patent Issued (US 5,768,003).
- December 1998 - In Vitro Studies - Improved Sensitivity - Achieved +/- 5% error band.

#### **1999**

- October 1999 - Blind & Double Blind Serum Studies.

#### **2000**

- June 2000 Third Patent Filed - System For Improving The Sensitivity and Stability of Optical Polarimetric Measurements.
- May through September 2000 - Modulator Design and Miniaturization.

#### **2001**

- June 2001 Second Patent Issued (US 6,246,893).
- June 2001 Fourth Patent Filed - Continuation and Extension on US 6,246,893 - Method and Device for Glucose Concentration Measurement with Special Attention to Blood Glucose Determinations.
- October 2001 - Efficacy Studies for Refined, Stabilized, and More Sensitive Measurement Platform.
- September 2001 - Advances from 1999 through 2001 incorporated in an In Vivo design for non-invasive human studies.

#### **2002**

- April 2002 Third Patent Issued (US 6,370,407).
- September 2002 - Incorporation of advances from 1999 through mid-2002 for first portable point of care prototype.

#### **2003**

- June-August 2003 - Construct portable "proof of concept" designs for hand-held and point of care applications.

- December 2003 Re-Issue Filings US 5,768,003 and US 6,246,893.
  - December 2003 - Advances in automation of data collection and processing.
- 2004**
- June 2004 - User Survey for Hand Held Design.
  - November 2004 through September 2005 - Integrate advanced, optics, electronics, designs and software for automated stand alone device for intra-operative clinical studies.
- 2005**
- October 2005 through May 2006 - refinements of the 2005 designs (prototype #21) to meet IRB specifications.
- 2006**
- February 2006 Fourth Patent Issued (US 6,999,808).
  - December 2006 Proof of Concept studies for refined optical measurement methods and technology.
- 2007**
- May 2007 Re-Issued US 5,768,003 (RE39,642).
  - Summer 2007 - First Licensee Engaged for development of point of care - intra-operative device
  - Fall 2007 - Acquisition of Complex Light Valve Corporation and Contract Funding and Acquisition, Inc.
  - Winter 2007 - Optimization of optical components for “new” measurement platform
- 2008**
- May 2008 Re-Issued US 6,246,893 (RE40,316).
  - Summer-Fall 2008 - Refinement and Validation of “new” measurement platform and improved measurement method.
- 2009**
- July 2009 Build out of first automated stand alone prototype incorporating refined optical measurement methods and technology.
  - Summer-Fall 2009 - Development of Automation Software and Graphical User Interface.
  - September 2009 Fifth Patent Filed - Device and Apparatus for Automated Measurement of Physiological Analytes Intra-Operatively - serial# 612/244724.
  - Winter 2009 - Awarded Grant for 2009 and 2010 through the Qualifying Therapeutic Discovery Program.
- 2010**
- Spring 2010 Comparative Testing and Selection of operational and optical components to facilitate technology transfer, final device design and manufacture.
  - March 2010 - Recipients of Inaugural Medical Device Development Grant Award from National Instruments.
  - Summer 2010 - Upgrades to Operating Software, Graphical User Interface, and Automated Operating System Control Programming.
  - Winter 2010 - Completed Highly Advanced Stand Alone Prototype - Portability, Reliability, Accuracy, and Reproducibility.

**2011**

- Spring 2011 - Validation Testing and Marketing Demonstrations with the 2010 prototype (FP #1)
- Summer 2011 - Advances in Automated Reporting Programming.
- September 2011 First Human Studies with advanced automated prototype embodying refined optical measurement methods and technology.

**2012**

- January through April 2012 more than Thirty Blind and Double Blind Human Studies
- June 2012 - Sixth Patent Filed - Method and Apparatus for Automated Measurement of Chiral Analyte Concentration - serial# 61/655806
- September 2012 - Plan of Merger for TecMed to become a Wyoming Corporation submitted to, and approved by the shareholders and Board of Directors.
- December 2012 - TecMed becomes a Wyoming Corporation.

**2013**

- June 2013 - Patent Cooperation Treaty Application Filed - Method and Apparatus for Automated Measurement of Chiral Analyte Concentration - Appln# PCT/US 2013/043914
- July 2013 - TecMed adds long time shareholder-consultant Barbara Claire as new member of Board of Directors.
- October 2013 - TecMed expands marketing team with Dr. Emily Cross, Ph.D, as Media and Communications Director.
- December 2013 - The PCT has provided their International Search Report and Written Opinion recommending the approval of the core claims in the June 2013 application.

**2014**

- January 2014 - TecMed adds long-time shareholder and seasoned senior international business executive to serve on its Board of Directors. The addition of this new director is expected to provide TecMed an international marketing presence as a well known and highly respected global business leader.
- February 2014 - TecMed launches public relations and awareness campaign, including global press releases and industry publication blog articles. First national press release published.
- April 2014 - Public relations campaign continues 2<sup>nd</sup> national press release and release of first industry publication article by Dr. Cross to the Medical Design Technology online newsletter.
- May-August 2014 - Four additional industry publication articles released by Dr. Cross on Medical Design Technology website.
- June - 2014 - TecMed announces the winning entries in the "Name that Intellectual Property" contest.
- August 2014 - TecMed successfully completes targeted fundraising goal and expands Medical Advisory Board., The company added to its medical advisory team an entrepreneur and medical device business owner operator with a focus on sales and distribution of medical devices and supplies for the surgical and critical care arenas..
- September 2014 - TecMed Patent Cooperation Treaty submission from December 2013 advances from International phase to National phase of the application process.

- Oct-Dec. 2014 - Three additional industry publication articles released by Dr. Cross on Medical Design Technology website.
- December 2014 - TecMed expands its Board adding Laurel Hull as a Director. Laurel Hull is a retired Major from the United States Marine Corps Adjutant's Office with a great depth of experience in executive and board leadership in the non-profit arena. She is the current President of the Marine Corps League Foundation.
- December 2014 - Entered into negotiations for "family office" private equity investment from long term shareholder of TecMed.

## 2015

- January 2015 - European Patent Office acknowledges national examiner acceptance of application submission and International Examiner Written Review and Recommendations. Review initiated by the national examiners for the 38 countries under the jurisdiction of the European Patent Office.
- January 2015 - TecMed Director of Media and Communications, Dr. Emily Cross, Ph.D. releases first print publication article for Medical Design Technology magazine.
- February 2015 - Expanded marketing team and medical advisory board with addition of Elizabeth Meek, RN, BSN, MSN, an intensive care nurse, manager, and nursing instructor. Seventh article released by Dr. Cross to Medical Device Technology online.
- March 2015 - Completed multiple day, multiple user, multiple standard preparation laboratory precision study with the automated Surgical Suite device design.
- April 2015 - Released internal "white paper" detailing the exceptional results from the Automated Clinical IP Precision Studies of April 2015. Eighth article released by Dr. Cross to Medical Device Technology online.
- June 2015 - US Patent Cooperation Treaty Application published by US Patent Office. US Application 2015/0157246A1.
- July 2015 - EPO Patent Cooperation Treaty Application accepted for review by national examiners in all 38 countries under the Jurisdiction of the European Patent Office. TecMed initiates targeted marketing campaign with "Patent Pending" status in 39 countries for IP directly related to those patent applications.
- July 2015 - TecMed introduces automated clinical blood sugar measurement IP to medical reference laboratory servicing Presbyterian Healthcare hospitals and clinics throughout New Mexico and in El Paso, Texas.
- August 2015 - TecMed receives verbal commitment for multi-million dollar investment from private shareholder.
- August 2015 - Family that has provided more than 80% of TecMed's operating capital over the past 20 years, adds commitment of 1% Royalty and \$1M in shares of common stock at no cost to support capital acquisition efforts. In addition, up to an additional 14% of the privately owned royalties have been pledged to accelerate the return of invested capital to participants in the current fund raise.
- December 2015 - Ninth article released by Dr. Cross published as an "Exclusive" to Medical Product Outsourcing Magazine online. Tenth article released by Dr. Cross published to Medical Device Technology online and to the Medical Device Technology Daily newsletter.

## 2016

- January 2016 - Eleventh article released by Dr. Cross published as an "Exclusive" to Medical Product Outsourcing Magazine online. Dr. Cross becomes featured contributor to MPO online "Exclusives".
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- February 2016 - Twelfth article released by Dr. Cross published to Medical Device Technology online. Internal “white paper”, the Retrospective Meta-Analysis published to the company website, demonstrating the unparalleled accuracy provided by the Automated Clinical IP when compared with other technologies in human testing.
- March 2016 - Thirteenth article released by Dr. Cross published to Medical Device Technology online.
- April 2016 - Fourteenth article released by Dr. Cross published as an “Exclusive” to Medical Product Outsourcing Magazine online.
- August 2016 - TecMed’ s Founder, Alan J. Leszinske, receives “Photonics Beacon” award for contribution and advancements in photonics as an entrepreneur.
- October 2016 - TecMed expands management team with C. Jack Emmons, CPA, CFE joining the organization as the company’s Chief Financial Officer.
- December 2016 - Internal “white paper”, Reimbursement Strategies, published to the company website.