# Occlusion Perfusion Catheter (OPC)

*The OPC is also marketed under the trade name of of Pressana® Precision Delivery System.*

## U.S. Patents

**U.S. Patents**  
8,088,103 - Occlusion Perfusion Catheter, issued January 3, 2012  
8,262,611 - Occlusion Perfusion Catheter, issued September 11, 2012  
8,398,589 - Occlusion Perfusion Catheter, issued March, 19, 2013  
9,017,285 - Occlusion Perfusion Catheter, issued April 28, 2015  
9,526,874 - Occlusion Perfusion Catheter, issued December 27, 2016  
   
**U.S. Patent Applications**  
15/357,893 - Occlusion Perfusion Catheter, filed November 21, 2016

## International Patents

**International Patents**  
CN - ZL200980143521.X - Occlusion Perfusion Catheter, issued June 4, 2014  
EP - EP 2344230 - Occlusion Perfusion Catheter, issued April 1, 2016  
IN - IN 275547 - Occlusion Perfusion Catheter, issued September 9, 2016  
JP - JP 5559804 - Occlusion Perfusion Catheter, issued July 23, 2014  
JP - JP 5924845 - Occlusion Perfusion Catheter, issued May 25, 2016  
JP - JP 2014-117571 - Occlusion Perfusion Catheter, allowed  
EP - EP 09829691.6 - Occlusion Perfusion Catheter, allowed October 16, 2015   
  
**International Patent Applications**  
BR PI0919884-9 - Occlusion Perfusion Catheter, filed November 3, 2009; pending  
CN 201410184211.5 - Occlusion Perfusion Catheter, filed November 3, 2009; pending; continuation of CN 200980143521.X  
EP 16162103.2 - Occlusion Perfusion Catheter, filed November 3, 2009; pending; continuation of EP 09829691.6  
HK 12100616.0 - Occlusion Perfusion Catheter, filed November 3, 2009; application for registration & grant filed October 24, 2016  
JP 2014-117571 - Occlusion Perfusion Catheter, filed November 3, 2009; decision to grant issued December 1, 2016  
JP 2016-162782 - Occlusion Perfusion Catheter, filed November 3, 2009; pending