

angiography catheters to more than XX% for catheters used for percutaneous transluminal coronary angioplasty (PTCA).

The xxxxxxxx catheter market remains one of the biggest and fastest growing segments of the overall catheters market. The xxxxxxxx catheter market reached more than \$XX xxx in 2006 and is growing at a xxxxxxxx pace. It accounted for more than xxxxxx of the total market in terms of value. The US is in the forefront in developing premium catheter technology. The xxxxxxxx catheter segment of the market has undergone significant changes with highly innovative, effective, minimally invasive devices brought to the market place.

New challenges posed by increased nosocomial infections and catheter re-use rates have led to the development of drug coated catheters that have helped address these concerns. Parallel concerns of reimbursement in the hospital segment have led to a reduction in the re-use of catheters. The use of diagnostic catheters in cardiology is expected to grow because of the greater prevalence of life-style disease, such as cardiovascular disease and diabetes. So, catheters used in angiography will continue to maintain their market position.

The growing overall world market for catheters can be seen in Exhibits 2 and 3. These estimates take into account urological, cardiovascular, intravenous and several types of specialty catheters. Approximately XX% of catheters are coated, as indicated in Exhibit 4.

Exhibit 3

World Market for Catheters 2007-2012

Year	Revenues (billions)
2007	
2008	
2010	
2011	
2012	

Source: Kalorama Information

limitations due to the nature of the parameters that it monitors. Limitations result from problems with blood flow, hemoglobin, or a lack of change in oxygen saturation.

Pulse oximetry relies on pulsing blood flow for its measurements and is vulnerable to the effects of poor peripheral arterial blood flow. So, body movements, vasoconstriction and hypotension can cause artifacts – inaccuracies -- through an interruption of the pulse signal. In sleep medicine, movement artifacts are common since patients often have fragmented sleep with a lot of body movements. Oximeters do not always detect movement artifacts, and this would tend to overestimate desaturations. Exhibits 50 and 51 indicate the market growth.

Exhibit 53

World Market for Oximetry Catheters, 2003-2012

Year	Revenues (billions)
2003	
2004	
2005	
2006	
2007	
2008	
2009	
2010	
2011	
2012	

Source: Kalorama Information