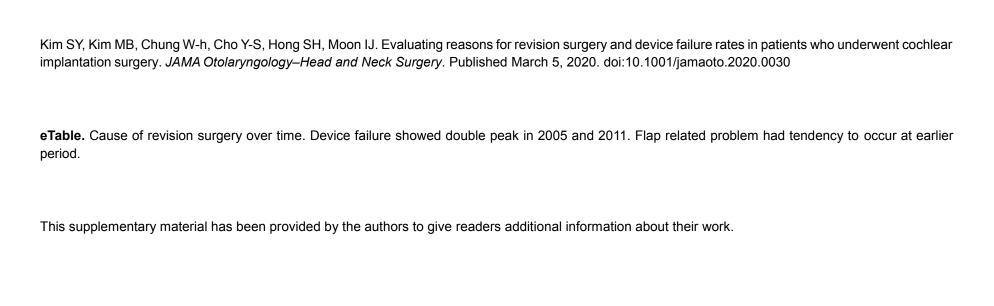
## **Supplementary Online Content**



## eTable. Cause of revision surgery over time. Device failure showed double peak in 2005 and 2011. Flap related problem had tendency to occur at earlier period.

Year of primary surgery	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016~
Device failure				1	7			1		1	15		1	1	1	
Flap related problem					1		1	1			1					
Migration						1		1		1	1					
Hematoma										1	1		1			
CSF leakage													1		1	
Misinsertion							1				1					