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Jennifer Hom, Tye Lidman and Nicholas Zufelt* (nzufelt@math.utexas.edu). *Reducible surgeries and Heegaard Floer homology.*

In this talk, we'll discuss the use of Heegaard Floer homology to study reducible surgeries. In particular, suppose K is a non-cable knot in the three-sphere with an L-space surgery. If p -surgery on K is reducible, we show that p equals $2g(K)-1$. This implies that any knot with an L-space surgery has at most one reducible surgery, a fact that we show additionally for any knot of genus at most two. (Received January 26, 2014)