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Candice R Price* (candice.r.price@gmail.com). *A discussion on the knot Floer homology of $(2, p)$ -torus links and clasp knots.* Preliminary report.

In *On the skein exact sequence for knot Floer homology*, Peter Ozsváth and Zoltán Szabó proved that there is a long exact sequence relating three knot diagrams that differ at a single crossing. We call these diagrams a skein triple denoted, (K_+, K_-, K_0) . After looking at applications of this theorem, the following question arose: “What can be said about particular families of knots when discussing the oriented skein exact sequence?”

I will give a brief description of knot Floer homology and discuss how the skein exact sequence can be used to calculate the homology of $(2, p)$ -torus links and clasp knots. (Received July 31, 2011)