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Roger Casals, University of California, Davis, and **John Etnyre*** (etnyre@math.gatech.edu)
and **Marc Kege**l. *Legendrian knots characterized by contact surgery.*

We discuss families of knots in the standard contact structure on S^3 that are determined by, or not determined by, contact surgery on them. For example, we give an infinite family of distinct Legendrian knots such that Legendrian surgery on all of them give the same contact manifold. We also show that some Legendrian knots are characterized by contact surgeries on them. (Received September 12, 2021)