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Cheryl Balm* (balmcher@math.msu.edu). *Cosmetic generalized crossing changes in knots.*

We show that if K is a satellite knot which admits a generalized cosmetic crossing change of order q with $|q| \geq 6$, then K admits a pattern knot with a generalized cosmetic crossing change of the same order. As a consequence of this, we show that if there is any knot admitting a generalized cosmetic crossing change of order greater than 5, then there must be such a knot which is hyperbolic. (Received September 24, 2012)