1015-53-151   **Gordon Craig*** (`gcraig@ubishops.ca`), Bishop's University, Lennoxville, Quebec J1M1Z7, Canada. *Dehn Filling and Asymptotically Hyperbolic Einstein manifolds.*

We extend Anderson's higher-dimensional Dehn filling construction to a large class of infinite-volume hyperbolic manifolds. This gives an infinite family of topologically distinct asymptotically hyperbolic Einstein manifolds with the same conformal infinity. This construction is done through a gluing procedure, and involves finding a sequence of approximate solutions to the Einstein equations and then perturbing them to exact ones. (Received February 02, 2006)