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David R. Larson, Department of Mathematics, Texas A&M University, TX , and **Nga Q Nguyen*** (nnguyen@math.tamu.edu), Department of Mathematics, Texas A&M University, College Station, TX 77843-3368. *Surgery and push-outs on frames*. Preliminary report.

A (p,q) -replacement on a frame is a surgery of the frame obtained by replacing a subset of p vectors with a different set of q vectors. A push-out of a frame is a dilation of the frame with constant dilation component. And a group-frame is a frame obtained by the action of a group representation on a generating vector. We discuss some new results on (p,q) -replacements and push-outs of finite frames, with emphasis on tight group frames. (Received September 20, 2006)