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Given a measured geodesic lamination  $L$  on a hyperbolic surface  $S$ , grafting the surface along  $tL$  ( $t > 0$ ) defines a 1-parameter family  $F(t, L, S)$  of conformal structures in the Teichmuller space of  $S$ . We show that there is a Teichmuller geodesic ray  $G(t)$  which stays a bounded distance from  $F(t, L, S)$  and whose distance to  $F(t, L, S)$  goes to zero as  $t$  goes to infinity. (Received September 04, 2006)