Only very little is known about the asymptotic distribution of rational points on smooth cubic surfaces. In 1998, Slater and Swinnerton-Dyer proved lower bounds of the (conjecturally) correct order of magnitude for rational points of bounded height on cubic surfaces that contain two skew rational lines.

We discuss a new straightforward proof of this result that relies on a fibration of the surface into conics. Our proof has the additional advantage of working over arbitrary number fields.