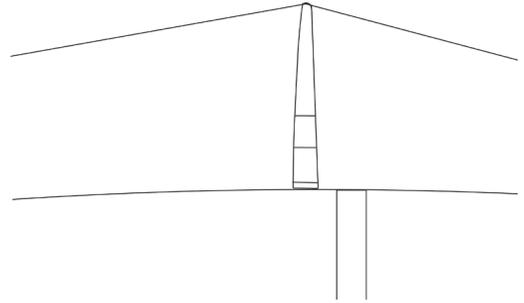
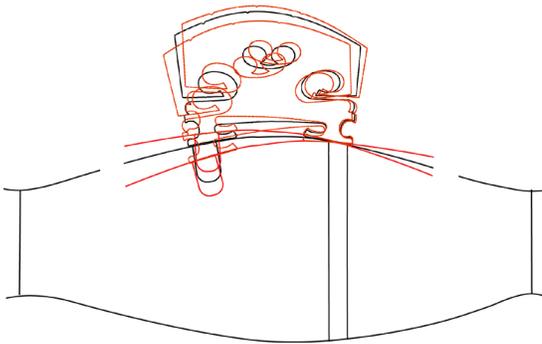


Soundpost placement side to side
Equally spaced with the bass bar, inside the bridge foot ~1mm (for violin)



Soundpost placement front to back
Behind the bridge foot half the diameter of the soundpost, ~3mm (for violin)



Motion of the bridge while being bowed, the soundpost acting as a fulcrum, the bass bridge foot driving the bass bar

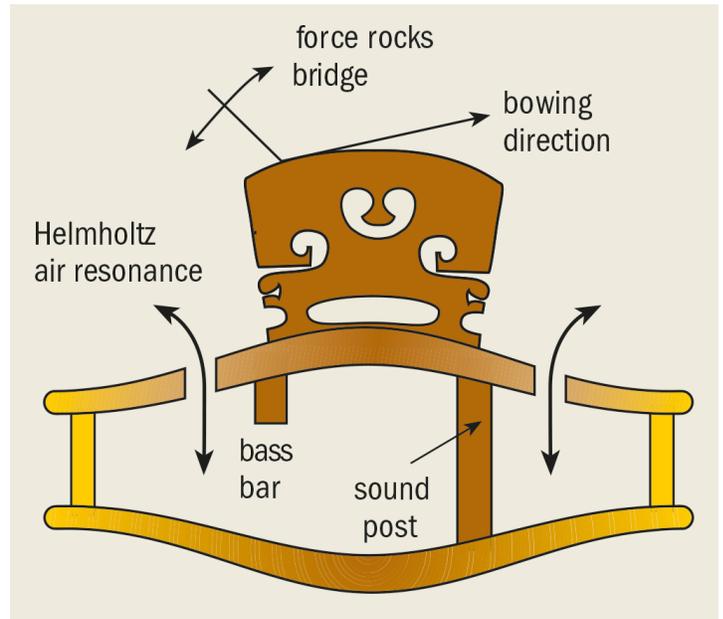


Illustration from the article
"Science and the Stradivarius" by Colin Gough
April 2000, physicsworld.com

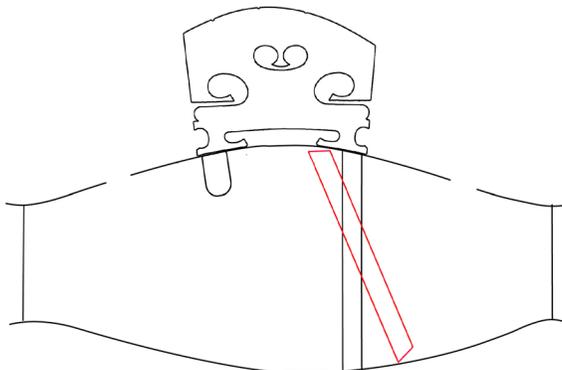


Illustration of a crooked soundpost, not making good contact with the top or back plate, standing on a "knife edge"