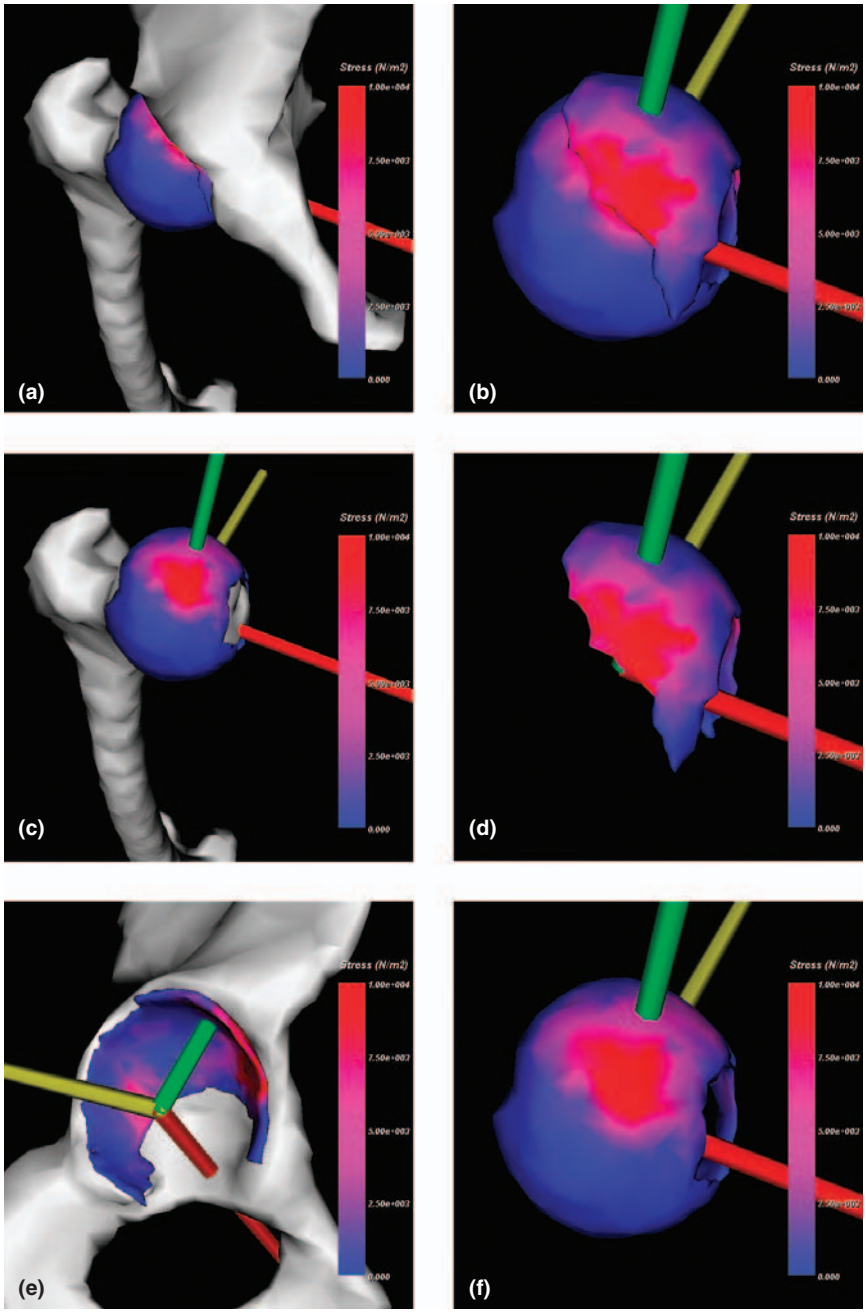

Figure 7. Different views of the problem. Interactive visualization techniques allow free exploration of the simulation setup. All six images display the same posture but with different options: in the image (a) all surfaces are visible; in (b) acetabular parts are transparent to reveal a hidden surface of the femoral cartilage cap; in (c) the opposite, femoral parts are hidden and a user can inspect stress on the acetabular cartilage (virtual camera is displaced to see the interior); in (d), both cartilage caps are visible while bones are invisible; in (e) and (f) we have respectively the acetabular and femoral cartilage surfaces only.