



SUPPLEMENTARY FIGURE 5. Detailed plate placement measurements on the medial distal femur. Anterior (left) and axial (right) views illustrating the reference distances used to standardize application of the reversed anterolateral proximal tibial plate. Key measurements include a distal distance of 22 mm from the articular surface to the most distal screw row, an anterior distance of 18 mm from the anterior condylar rim to the plate edge, and a posterior distance of 20–25 mm from the posterior condyle to the nearest screw holes. Dashed blue lines indicate the notch-posterior cortical line axis and the Anterior rim of the plate. Screw holes marked as “violating” were intentionally left unused to avoid intra-articular penetration.