

Fig. E-1
Screenshot showing intraoperative templating of the tibial tunnel aperture position according to the method of Stäubli and Rauschning.

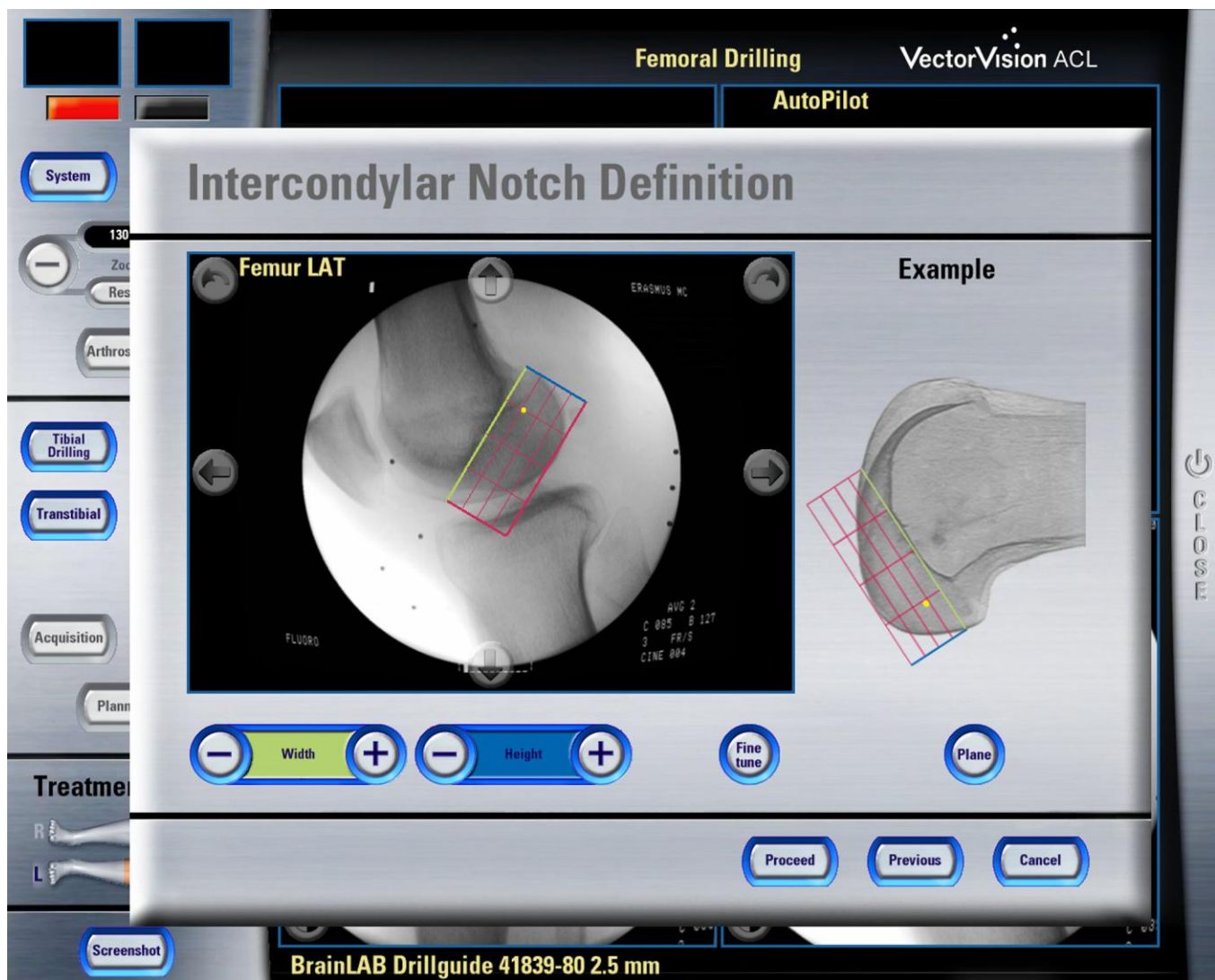


Fig. E-2
Screenshot showing intraoperative templating of the femoral tunnel aperture position according to the quadrant overlay method.

TABLE E-1 Baseline Characteristics of the Study Population*

| | Computer-Assisted Surgery Group (N = 49) | Control Group (N = 51) |
|--------------------------------------|--|------------------------|
| Age (yr) | 26.9 ± 6.4 | 26.3 ± 8.2 |
| Female sex (%) | 28.6 | 19.6 |
| Body mass index (kg/m^2) | 24.2 ± 3.6 | 25.0 ± 3.5 |
| Time between trauma and surgery (mo) | 27.2 ± 37.2 | 28.8 ± 33.2 |
| Tegner activity level | | |
| Pretrauma | 8.1 ± 2.0 | 8.1 ± 2.0 |
| Preoperative | 3.7 ± 1.8 | 3.7 ± 2.0 |
| IKDC subjective score | 64.2 ± 14.6 | 63.4 ± 13.6 |
| KOOS | | |
| Pain | 90.3 ± 12.5 | 92.5 ± 9.0 |
| Symptoms | 81.4 ± 11.2 | 81.8 ± 10.8 |
| ADL | 93.3 ± 13.1 | 95.9 ± 6.3 |
| Sport | 74.5 ± 23.3 | 71.3 ± 21.1 |
| Quality of life | 54.0 ± 15.3 | 56.7 ± 14.1 |

*Values are given as the mean and the standard deviation. IKDC = International Knee Documentation Committee, KOOS = Knee injury and Osteoarthritis Outcome Score, and ADL = activities of daily living.

TABLE E-2 Intraoperative Characteristics

| | Computer-Assisted Surgery Group (N = 49) | Control Group (N = 51) |
|-----------------------|--|------------------------|
| Operative time* (min) | 131.9 ± 14.8 | 105.2 ± 20.7 |
| BPTB graft† (%) | 46.9 | 49 |
| Chondral lesion (%) | 34.7 | 29.4 |
| Meniscal lesion (%) | 26.5 | 31.4 |

*Values are given as the mean and the standard deviation. †BPTB = bone-patellar tendon-bone.