Reference conditions and ratings of GEPEC

Reference conditions for GEPEC 4-point ratings of operator skill and clinic components focused on optimum control of fingers, forearms and views of contact between instruments and body tissues.

A balanced upright head and trunk allows the broadest range of positions for fingers and other parts of limbs for optimum body control and condition. (This is also compatible with the body health of operators.)

The positions of everything in each activity area of a health care facility are accountable to the point of origin (x, y, z 0) of finger acts in the area.

1. Fine detail is seen at contacts between instrument and body tissues at the visual norm of 230-250 mm distance (Z-vertical dimension 190-200mm). This viewpoint is acceptable for naked eye vision within the range from - 50 to +100 mm (near mid-sternal, heart or armpit level).
2. The middle finger contacts are as close as possible to the instrument- tissue contacts for hand stability . This assures applications of well-directed force to instruments controlled by the thumb, index and middle fingers. Constant views of instrument-tissue contact in motion.
3. Minimized need for finger tip and visual diversions from contacts between instrument and body tissues such as exchanges of instruments, instrument re-grips and resets of operator and patient body positions.
4. Body space and paths of motion of body points are derived from body averages with self-accommodation for extreme dimensions of bodies or their parts.
5. Reference body contacts are limited to the operator's fingers, hands, feet, and pelvic area. Clothes and eye glasses do not affect finger control and views of operating points.
6. One or more work stations in clinics are dedicated to the brief procedures performed by a standing operator with upright patients.
7. The clinic information system that includes imaging technology is based in xyz, time and numeric terms with health oriented data. Numeric terms minimize finger and visual diversions from patients for reading and entering data in clinic records.

GEPEC ratings in a 4 point scale of acceptance:
0 Reference
1 Acceptable
2 Needs improvement
3 Not acceptable