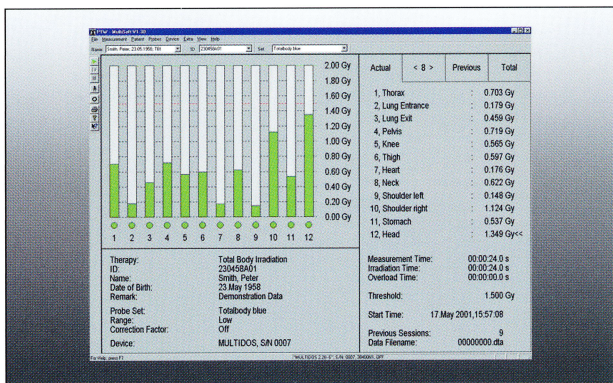


MultiSoft Afterloading Software



Software program for patient dosimetry during radiation therapy with brachytherapy afterloading sources

Features

- ▶ Controls the multi channel dose integration during afterloading treatment and records the measuring data
- ▶ Operates a 5-fold rectum probe and a single bladder probe connected to a multi channel dosimeter
- ▶ Includes patient data base

The Microsoft Windows based MultiSoft software program enables the user to control the multi channel dosimeters VIVODOS and MULTIDOS for afterloading dosimetry and to store patient data together with associated dose values in a database. MultiSoft is prepared to control the measurement with intracavitary afterloading probes for dose measurement in a patient's rectum and bladder, the most critical organs in gynecological brachytherapy. MultiSoft stores user defined probe sets and the associated calibration factors. The measurement screen shows the measurement values of five detectors of the rectum probe and the detector of the bladder probe together with a graphical dose display for all detectors. The detector with the maximum dose is marked. Administrative data including patient data are also shown.

Printouts for each session make it possible to document the treatment in accordance with radiation protection regulations, e.g., the European Council Directive 97/43 on health protection in medicine.

Ordering Information

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- ▶ MULTIDOS Multi Channel Dosimeter *page 32*
- ▶ VIVODOS In-Vivo Dosimeter *page 31*
- ▶ Afterloading Probes *page 35*