

## Biostatistics statement

Statistical analyses were conducted Using SPSS 19.0 software, quantitative indicators before and after the operation were compared using a paired T test, and dosimeter differences between group A and B were compared using an independent samples T test. A P value of less than 0.05 was defined as statistically significant.

All data were recorded on regularly monitored case report forms that were entered into a database by the same investigator.