

One Year Experience With a IBA 18/9 Cyclotron Operation for F-18 FDG Rutin Production

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This paper tries to encourage those countries that still do not have an industrial production system to supply FDG to PET centers. We show a compilation of performance data, maintenance and production yield. With the statistical analysis of these data we conclude that the whole system is robust and effective. This work also shows graphic performance of the ion source before and after maintenance and repositioning, and also performance of targets and chemical process yields. we include the layout of the installation which was designed to have visual control of the important areas from the control room of the cyclotron.

