



Radiopharmacy Unit. University Clinic of Navarra

Experience with the Synthera® chemistry module:

Compared with other FDG synthesis modules which we have been working for fourteen years, we can state that Synthera module provides much greater reliability of production and higher synthesis yields.

There are several reasons that support this fact. On one hand, it has demonstrated to avoid technical problems such as valve failures, on the other, it avoids the possibilities of error in reagents preparation an location as well as it prevents cross-contamination. As a whole, the system really helps cGMP compliance.

Besides, the synthesis yields are significantly higher than the ones we used to obtain with traditional modules, while the time spent in preparation and maintenance of the module is much shorter.

Radiopharmaceutical quality is also improved when using this IBA module, since both the amount of chemical and radiochemical impurities are decreased. We could even say Synthera is a quality assurance by itself.

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