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| Institution | EBG MedAustron Gmbh |
| Machine | Medical Synchrotron (PIMMS design) |
| Machine Acceptance | H (including dispersion): 80 um (± 60mm good-field-region) |
| Beta function at the septum | BETX=16 m |
| Type of Beam | Protons (H+) |
| Energy/Nucleon | 252.7 MeV/n |
| Current in machine (A) | (2.2e10 protons) |
| Beam emittances | RMS, norm, H/V= 0.8/0.8 ± 0.1 um  |
| Momentum spread dp/p | 4e-3 (total) |
| Incoherent tune shift | Max -0.01 |
| Beam bunched/unbunched | Unbunched |
| Resonance used | Qh=5/3 |
| Chromaticity correction | Q’h=-4 |
| Feed back system | No |
| Other control schemes used | No |
| Extracted intensity (N/S) | 1.8e10/spill |
| Slow Extraction Efficiency % | 80 % |
| Beam loss at the septum % | Na |
| Beam loss: rest of the machine % | Na |
| Slow Extraction length (s) | 5 s |
| Micro Spill quality (Define it, time scale, etc) | Peak/mean: average over spill = 3.5stdev over spill = 1 Mean= computed over 5 ms window for a 10 khz signal Peak = maximum of 10 kHz signal over 5 ms windows |
| Spill variations | ? |
| Required Spill Quality | Peak/mean < 5 |
| Required Spill Stability | ±0.15 mm (range), ±0.25 mm (transverse position), ±5% (transverse width) |
| Notes, observations | Stability requirements are at the isocenter in the irradiation room in air (transverse) and water (range) |