GI/Pancreas

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| **Abdomen** | **[Conventional]** |  |
| **Stomach** | 54 Gy pancreas  54 Gy (10%)  50 Gy (10-15%, 1cc)  V**45 Gy** < 75cc or 15%  45 Gy (15%)  20 Gy (50%\*) | Max 54-55 for pancreas |
| **Duodenum** | 50 Gy  60 Gy (2 cc) Verma ’14  55 Gy (15 cc) Verma ’14  55 Gy (1 cc) George ’20  50 Gy (4 cc) George ’20 | Max < 50-54 |
| **Bowel Bag** | **55 Gy** (5 - 10 cc - bag)EMBRACE II  50 - 52 Gy  **\* 45 Gy (195 cc - bag)**Roeske RTO ’03  45 Gy (150 – 200 cc) 05-34 (SPPORT)  **\* 40 Gy (30%)**TIME-C, 04-18, 07-24, GU-001  **15 Gy (120cc - loop)** | Max < 54 |
| Spleen | Mean < 9 Gy, 5 Gy (20%) MDACC | (Not as important as all above ↑) |
| **Liver - GTV** | 25 - 32 Gy mean  36 - 40 Gy (30%)  48 Gy (66%)  30 Gy (60%)  Liver TD 5/5 = 30 Gy | Mean < 25 |
| **Bile duct** | < 80 Gy max? |  |
| **Renal Cortex/Kidney** | Mean kidney dose 18 Gy QUANTEC  30 Gy (20%) QUANTEC  20 Gy (30%) QUANTEC, 10-10  18 Gy (30-50%, 67% 04-18, 07-24)  18 Gy (33%) QUANTEC  One functional kidney:  Mean kidney dose 9 Gy.  20 Gy (15 - 20%) 10-10  18 Gy (10-15%)  8 Gy (50% each) - testicular. | Mean < 18  V20 < 30  V30 < 20 |
| Cord |  | < 45 Gy |
| Cord 0.5 |  | < 50 Gy |