**Supplementary Material 2. Insurance fee codes for colorectal cancer treatments.**

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| **Insurance claim fee codes** | **Medications or procedures** |
| **Primary resection: colon** |
| QA671 | Right or left hemicolectomy, without lymph node dissection. |
| QA672 | Right or left hemicolectomy, with lymph node dissection. |
| Q1261 | Subtotal colectomy, without lymph node dissection. |
| Q1262 | Subtotal colectomy, with lymph node dissection. |
| QA671 | Total colectomy, without lymph node dissection. |
| QA672 | Subtotal colectomy, with lymph node dissection. |
| QA673 | Segmental colectomy, without lymph node dissection. |
| Q2673 | Segmental colectomy, with lymph node dissection. |
| QA679 | Colectomy with proximal colostomy and distal stump,without lymph node dissection. |
| Q2679 | Colectomy with proximal colostomy and distal stump,with lymph node dissection. |
| **Primary resection: rectum** |  |
| QA921 | Anterior resection, without lymph node dissection. |
| Q2921 | Anterior resection, with lymph node dissection. |
| QA922 | Low anterior resection, without lymph node dissection. |
| Q2922 | Low anterior resection, with lymph node dissection. |
| Q2927 | Low anterior resection, with colonic J pouch formation. |
| QA923 | Abdominoperineal/abdominosacral resection,without lymph node dissection. |
| Q2923 | Abdominoperineal/abdominosacral resection,with lymph node dissection. |
| **Chemotherapy** |  |
|  122701ATB | Capecitabine, 0.15g |
|  122702ATB | Capecitabine, 0.5g |
|  205830BIJ | Oxaliplatin, 0.05g |
|  205832BIJ | Oxaliplatin, 0.2g |
|  205834BIJ | Oxaliplatin, 0.1g |
|  205803BIJ | Oxaliplatin, 0.15g |
|  161430BIJ | 5-fluorouracil (5-FU), 0.25g |
|  161431BIJ | 5-FU, 0.5g |
|  161432BIJ | 5-FU, 1g |
|  177430BIJ | Irinotecan, 0.04g |
|  177431BIJ | Irinotecan, 0.1g |
|  177433BIJ | Irinotecan, 0.2g |
|  177435BIJ | Irinotecan, 0.3g |
| **Radiotherapy** |  |
|  HD051 | Low energy teletherapy, single port. |
|  HD052 | Middle energy teletherapy, single port. |
|  HD053 | High energy teletherapy, single port. |
|  HD054 | Low energy teletherapy, parallel opposed ports. |
|  HD055 | Middle energy teletherapy, parallel opposed ports. |
|  HD056 | High energy teletherapy, parallel opposed ports. |
|  HD057 | Low energy rotational irradiation |
|  HD058 | Middle energy rotational irradiation |
|  HD059 | High energy rotational irradiation |
|  HD061 | 3-Dimensional conformal therapy |
|  HD080 | Brachytherapy |
|  HD081 – HD082 | Intracavity therapy, high dose rate |
|  HD083 – HD084 | Intracavity therapy, low dose rate |
|  HD085 – HD086 | Interstitial/intraluminal therapy, high dose rate |
|  HD087 – HD088 | Interstitial/intraluminal therapy, high dose rate |
|  HD121 | Proton therapy |
|  HZ271 | Intensity modulated radiation therapy |
| **Folate therapy** |  |
|  566132BIJ | Leucovorin, 0.2g |
|  566134BIJ | Leucovorin, 0.35g |
|  622630BIJ | Levoleucovorin, 0.05g |
|  622631BIJ | Levoleucovorin, 0.2g |
|  622632BIJ | Levoleucovorin, 0.45g |