Appendix 2:

Tariff:

Flat-rate agreement between the insurance companies and the hospital endoscopy unit for screening colonoscopies with or without biopsies or simple polypectomies up to 10 mm. Cost for complex polypectomies, resection of polyps > 10 mm, and histological workup were calculated individually according to the Swiss TARMED tariff.

| Code of tariff | Number of tariff | Title of performance                                           | Tariff CHF |
|----------------|-----------------|---------------------------------------------------------------|------------|
| 350            | 10.1010.15.06   | Flat rate for stool test FIT                                  | 46.00      |
| 003            | 19.1910.00.30   | Consultation of the doctor by phone                           | 24.00      |
| 003            | 19.1930.28.00   | Flat rate for colonoscopy without biopsy or polypectomy       | 531.75     |
| 003            | 19.1940.00.00   | Flat rate for a colonoscopy with a biopsy but without polypectomy (single-use material included) | 659.35     |
| 003            | 19.1950.28.00   | Flat rate for colonoscopy with polypectomy of polyps < 1 cm (single-use material included) | 682.60     |
| 003            | 19.1960.31.00   | Flat rate for administrative work of physician in the absence of the patient | 25.80      |
## Calculation of screening colonoscopies comparing flat rates and TARMED tariff

| Flat rate colonoscopy without biopsies | Flat rate TAS/CSS CHF | Flat rate HSK CHF | TARMED 1.09 Taupunkte | Cost for material TARMED 1.09 |
|---------------------------------------|-----------------------|-------------------|------------------------|-----------------------------|
| TM 19.1010 Koloskopie                 | CHF 505.00            | CHF 531.75        |                        |                             |
| TM 19.1020 Skopie                     | 397.75                | 0.00              |                        |                             |
|                                        | 47.26                 | 0.00              |                        |                             |
| TM consultation and preparation       | 65.14                 | 0.00              |                        |                             |
| TM care by others than physicians     | 22.5                  | 0.00              |                        |                             |
| TM preparation                        | 18.6                  | 0.00              |                        |                             |
| TM report                             | 35.20                 |                    |                        |                             |
| CHF Material average                  |                       |                    | x 0.86                 | CHF 50.00                   |
| Total flat rate of different insurances| CHF 505.00            | CHF 531.75        |                        |                             |
| Total CHF according TARMED            | CHF 474.1             | CHF 483.20        |                        | CHF 85.20                   |
| Total according TARMED including material | CHF 559.30          |                    |                        |                             |

| Flat rate colonoscopy with biopsy     | CHF 600.00            | CHF 659.35        |
|---------------------------------------|-----------------------|-------------------|
| TM 19.1010 Koloskopie                 | 397.75                | 0.00              |
| TM 19.1020 Skopie                     | 47.26                 | 0.00              |
| TM 19.1040 + Schleimhautbiopsie mit Zange | 78.72                | 0.00              |
| TM 00.2285 nicht f. Bericht           |                       |                    |
| TM consultation and preparation       | 65.14                 | 0.00              |
| TM care by others than physicians     | 22.5                  | 0.00              |
| TM preparation                        | 35.20                 |                    |
| CHF material average                  |                       |                    |
| Total flat rate of different insurances| CHF 600.00            | CHF 659.35        |
| Total according TARMED                | CHF 525.80            | CHF 535.20        |
| Total CHF according TARMED including material | CHF 626.00          |                    |

| Flat rate for colonoscopy with simple polypectomy | CHF 730.00 | CHF 682.60 |
|--------------------------------------------------|------------|------------|
| TM 19.1010 Koloskopie                            | 397.75     | 0.00       |
| TM 19.1020                                       | 47.26      | 0.00       |
| TM 19.1120 + Entfernung sessiler Polypen (Annahme 2x) | 71.84      | 0.00       |
| TM consultation and preparation                  | 65.14      | 0.00       |
| TM care by others than physicians                | 22.5       | 0.00       |
| TM preparation                                   | 35.20      |            |
| CHF material average                             |            | CHF 80     |
| Total flat rate of different insurances          | CHF 730.00 | CHF 682.60 |
| Total according TARMED                           | CHF 535.85 | CHF 551.20 |
| Total according TARMED including material        | CHF 651.05 | CHF 671.75 |
| Total all inclusive                              | CHF 61.70  | CHF 115.20 |

Notes:
- TM = TARMED
- CHF according TARMED = TM value x Taupunkt 0.86
- CSS and HSK = insurance companies
### Costs for patients with adenoma resection by surgery at screening:

| No     | Surgery specification              | Cost for obligatory general insurance (CHF) | Additional costs for private insurance (if applicable) (CHF) | Total costs (CHF) |
|--------|-----------------------------------|---------------------------------------------|-------------------------------------------------------------|-------------------|
| 1      | Woman                             | 22,083                                      | 11,054                                                      | 33,137            |
| 2      | Man                               | 16,560                                      | 8,280                                                       | 24,840            |
| 3      | Man                               | 16,560                                      | 8,280                                                       | 24,840            |
|        | Total costs for surgical adenoma resection at screening* | 55,203*                                     | 27,614*                                                     | 82,817            |

*Sum of the cost seen in Table 6

### Costs for patients hospitalized due to complications at screening colonoscopy:

| No     | Complication specification            | Cost for obligatory general insurance (CHF) | Additional costs for private insurance (if applicable) (CHF) | Total costs (CHF) |
|--------|--------------------------------------|---------------------------------------------|-------------------------------------------------------------|-------------------|
| 4      | Man                                 | 5,200                                       | 2,600                                                       | 7,800             |
| 5      | Man                                 | 5,200                                       | 3,640                                                       | 8,840             |
|        | Total costs for patients hospitalized due to complications at screening | 10,400*                                     | 6,240*                                                      | 16,640            |

* Sum of the cost seen in Table 6
## Costs for patients with adenoma resection by surgery after a surveillance colonoscopy

| No    | Surgery specification                          | Cost for obligatory general insurance (CHF) | Additional costs for private insurance (if applicable) (CHF) | Total costs (CHF) |
|-------|-----------------------------------------------|-------------------------------------------|-------------------------------------------------------------|------------------|
| 6     | Man Transanal resection                       | 5,165                                     | No private insurance                                        | 5,165            |
| 7     | Woman Transanal resection                     | 5,304                                     | No private insurance                                        | 5,304            |
| 8     | Man Right-sided hemicolectomy with complications | 31,544                                    | 15,839                                                     | 47,383           |
| 9     | Man Right-sided hemicolectomy                 | 18,465                                    | 5,475                                                      | 23,940           |
|       | Total costs for surgical adenoma resection at screening* | 60,478**                                  | 21,314**                                                   | 81,792           |

** Sum of the cost seen in table 7

## Costs for patients hospitalized due to complications at a surveillance colonoscopy

| No    | Complication specification                    | Cost for obligatory general insurance (CHF) | Additional costs for private insurance (if existent) (CHF) | Total costs (CHF) |
|-------|-----------------------------------------------|-------------------------------------------|-------------------------------------------------------------|------------------|
| 10    | Man Hospitalization for bleeding              | 3,224**                                   | 3,338**                                                     | 6,563            |
| 11    | Woman Hospitalization for perforation of the sigmoid | 29,547**                                  | 31,172**                                                   | 60,719           |
|       | Total costs for patients hospitalized due to complications at surveillance | 32,771**                                  | 34,510**                                                   | 67,281           |

** Sum of the cost seen in Table 7