|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Total** | **Supratentorial** | **Infratentorial** |
| **Mean age at BM diagnosis (SD)** | 60.5 (9.84) | 60.3 (9.84) | 60.8 (10.0) |
| **Sex (%)** |  |  |  |
| Male | 34 (40.0%) | 20 (32.8%) | 14 (58.3%) |
| Female | 51 (60.0%) | 41 (67.2%) | 10 (41.7%) |
| **BM region (%)****Patient status as of 21/04/2020 (%)** | - | 61 (71.8%) | 24 (28.2%) |
| Deceased | 65 (76.5%) | 47 (77.0%) | 18 (75.0%) |
| Alive | 20 (23.5%) | 14 (23.0%) | 6 (25.0%) |
| **Primary cancer origin (%)** |  |  |  |
| Lung | 46 (54.1%) | 38 (62.3%) | 8 (33.3%) |
| Breast | 14 (16.5%) | 9 (14.8%) | 5 (20.8%) |
| KidneyColorectalOesophagealGynaecologicalUnknownSuprarenalProstate glandLiver**Mean KPS at diagnosis (SD)****Mean KPS after resection (SD)****Timing of presentation (%)**MetachronousSynchronous**Extent of resection (%)**SubtotalGross total**Post-operative complications (%)**NoneNeurologicalNon-neurologicalNeurological and non-neurological**Adjuvant therapy use (%)**NoneStereotactic radiotherapyWhole brain radiotherapy**Active extracranial disease (%)**NoYes**Local BM recurrence (%)**NoYes**BM recurrence in other brain areas (%)**NoYes | 7 (8.24%)6 (7.06%)3 (3.53%)3 (3.53%)3 (3.53%)1 (1.18%)1 (1.18%)1 (1.18%)88.3 (11.1)86.8 (13.8)50 (58.8%)35 (41.2%)44 (51.8%)41 (48.2%)63 (74.1%)13 (15.3%)7 (8.24%)2 (2.35%)70 (83.3%)11 (13.1%)3 (3.57%)17 (20.2%)67 (79.8%)35 (42.7%)47 (57.3%)60 (73.2%)22 (26.8%) | 6 (9.84%)3 (4.92%)1 (1.64%)2 (3.28%)1 (1.64%)0 (0.0%)1 (1.64%)0 (0.0%)87.8 (11.8)86.1 (13.0)37 (60.7%)24 (39.3%)30 (49.2%)31 (50.8%)50 (82.0%)8 (13.1%)1 (1.64%)2 (3.29%)49 (81.7%)8 (13.3%)3 (5.00%)13 (21.7%)47 (78.3%)22 (36.7%)38 (63.3%)42 (70.0%)18 (30.0%) | 1 (4.17%)3 (12.5%)2 (8.33%)1 (4.17%)2 (8.33%)1 (4.17%)0 (0.0%)1 (4.17%)90.0 (8.45)89.3 (16.4)13 (54.2%)11 (45.8%)14 (58.3%)10 (41.7%)13 (54.2%)5 (20.8%)6 (25.0%)0 (0.0%)21 (87.5%)3 (12.5%)0 (0.0%)4 (16.7%)20 (83.3%)13 (59.1%)9 (40.9%)18 (75.0%)4 (25.0%) |

**Table I** Data for 85 patients undergoing resection for brain metastases between February 2014 and August 2019