**Table 1:** Validity of key variables registered in NKLR for primary reconstructions

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **NKLR database** | **Medical record**  **Yes No** | | **Missing in medical record** | **Missing in NKLR** | **PPV% (95% CI)** |
| Cartilage lesions | Yes  No | 17  10 | 0  56 | 0 | 0 | 17/17 = 100 |
| Meniscal lesions | Yes  No | 34  1 | 0  48 | 0 | 0 | 34/34 = 100 |
| Diagnosis of ACL lesion | Yes  No | 82  0 | 0  0 | 0 | 0 | 82/82 = 100 |
| Other ligament lesions† | Yes  No | 12  1 | 0  70 | 0 | 0 | 12/12 = 100 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Result of validation** | **Number of cases** | **Missing in medical record** | **Missing in NKLR** | **PPV% (95% CI)** |
| OP date‡ | Identical  Not identical | 83  0 | 0 | 0 | 83/83 = 100 |
| Index knee | Identical  Not identical | 83  0 | 0 | 0 | 83/83 = 100 |
| Graft choice§ | Identical  Not Identical | 82  1 | 0 | 0 | 82/83 = 99 (93-100) |
| Method of fixation in femur | Identical  Not identical  Partly identical¶ | 77  3  2 | 0 | 1 | 77/80 = 96 (89-100) |
| Method of fixation in tibia | Identical  Not Identical  Partly identical¶ | 82  0  1 | 0 | 0 | 82/82 = 100 |
| Activity at the time of injury | Identical  Not identical | 75  1 | 5 | 2 | 75/76 = 99 (92-100) |
| Date of injury | Identical  Not identical | 72  6 | 3 | 2 | 72/78 = 92 (84-97) |

**Footnotes:** † Includes PCL, MCL, LCL and PLC. ‡ Date of operation has to be identical (exact date) to

be regarded as correct. § Includes BPTB, hamstring, other types of grafts and no graft chosen. ¶ Patients with both ACL and PCL lesions, but only one of the lesions registered in the NKLR, are labelled “partly identical” and are not taken into account when the PPVs are computed.

**Abbreviations:** NKLR, Norwegian Knee Ligament Register; PPV, positive predictive value; CI, confidence interval; ACL, anterior cruciate ligament; OP, operation; PCL, posterior cruciate ligament; MCL, medial collateral ligament; LCL, lateral collateral ligament; PLC, posterolateral corner; BPTB, bone-patellar tendon-bone graft.