**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 | YesNo | 1710 | 056 | 0 | 0 | 17/17 = 100 |
| Meniscal lesions | YesNo | 341 | 048 | 0 | 0 | 34/34 = 100 |
| Diagnosis of ACL lesion | YesNo | 820 | 00 | 0 | 0 | 82/82 = 100 |
| Other ligament lesions† | YesNo | 121 | 070 | 0 | 0 | 12/12 = 100 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Result of validation** | **Number of cases**  | **Missing in medical record** | **Missing in NKLR** | **PPV% (95% CI)** |
| OP date‡ | IdenticalNot identical | 830 | 0 | 0 | 83/83 = 100 |
| Index knee | IdenticalNot identical | 830 | 0 | 0 | 83/83 = 100 |
| Graft choice§ | IdenticalNot Identical | 821 | 0 | 0 | 82/83 = 99 (93-100) |
| Method of fixation in femur | IdenticalNot identicalPartly identical¶ | 7732 | 0 | 1 | 77/80 = 96 (89-100) |
| Method of fixation in tibia | IdenticalNot IdenticalPartly identical¶ | 8201 | 0 | 0 | 82/82 = 100 |
| Activity at the time of injury | IdenticalNot identical | 751 | 5 | 2 | 75/76 = 99 (92-100) |
| Date of injury | IdenticalNot identical | 726 | 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.