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| **Study** | **Study Subjects (Number of Subjects)** | **Imaging Groups** | **Intraobserver Reliability Results (kappa coefficient)** | **Interobserver Reliability Results (kappa coefficient)** | **Percent Agreement / Percent Correct** |
| Hufner et al. | Multiple reviewers of different expertice (30)  Group 1- Orthopedic residents (10) Group 2- Orthopedic surgeons (10) Group 3- Experienced acetabular surgeons (10) | A- Radiographs\*\* B- 2D-CTC- 3D-CT | n/a | n/a | A: Group 1- 11% Group 2- 32% Group 3- 61%B: Group 1- 30% Group 2- 55% Group 3- 76%C: Group 1- 65% Group 2- 64% Group 3- 83% |
| Visutipol et al.  | Orthopedic surgeons (5) | A- Radiographs\*\*B- Radiographs\*\* and 3D-CT | A: 0.42B: 0.44 | A: 0.24B: 0.24 | n/a |
| Petrisor et al. | Group 1- Orthopedic residentsGroup 2- Orthopedic surgeons | Radiographs\*\* | n/a | Group 1- (-0.14)Group 2- 0.56 | n/a |
| Beaule et al. | Orthopedic surgeons (9) Group 1- Studied under Letournel (3) Group 2- Experienced acetabular surgeons (3) Group 3- Orthopedic trauma surgeons (3) | A- Radiographs\*\* aloneB- Radiographs\*\* and 2D-CT | A: Group 1- 0.80 Group 2- 0.80 Group 3- 0.64B: Group 1- 0.83 Group 2- 0.80 Group 3- 0.69 | A (Session 1; Session 2): Group 1- 0.70; 0.57 Group 2- 0.71; 0.76 Group 3- 0.51; 0.61B (Session 1; Session 2): Group 1- 0.74; 0.78 Group 2- 0.69; 0.76 Group 3- 0.51; 0.62 | n/a |
| Ohashi et al.  | Musculoskeletal Radiologists (2) | A- Radiographs\*\* B- 3D-CT | n/a | A: 0.42B: 0.70 | n/a |
| Hurson et al.  | Orthopedic Surgeons (3)Senior orthopedic residents (3) | A- Radiographs\*\* and 2D-CT B- 3D model | n/a | A: 0.52B: 0.65 | n/a |
| Prevezas et al. | Experienced acetabular surgeons (4)Orthopedic surgeons (4) | Radiographs\*\* | n/a | (Session 1; Session 2): 0.54; 0.68 | (Session 1; Session 2): 59.9%; 72.1% |
| O'Toole et al.  | Orthopedic trauma surgeons (4) | A- Radiographs\*\* and 2D-CTB- Radiographs\*\*C- 3D-CTD- CT-generated radiographs\*\* | A: 0.65B: 0.48C: 0.62D: 0.64 | A: 0.56B: 0.51C: 0.64D: 0.66 | A: 71%B: 52%C: 65%D: 68% |
| Ly et al.  | Orthopedic residents (46) | Radiographs\*\*  | n/a | n/a | 50% |
| Sinatra and Moed  | Multiple reviewers of different experience (9) Group1- Orthopedic trauma surgeons (3) Group 2- Orthopedic senior residents (3) Group 3- Orthopedic junior residents (3) | A- Radiographs \*\*B- CT-generated radiographs\*\* | A: Group 1- 0.61 Group 2- 0.92 Group 3- 0.41B: Group 1- 0.76 Group 2- 0.65 Group 3- 0.69 | n/a | A: Group 1- 59% Group 2- 53% Group 3- 35%B: Group 1- 61% Group 2- 51% Group 3- 49% |
| Clarke-Jenssen et al.  | Experienced acetabular surgeons  | A- Radiographs\*\* and 2D-CTB- AP Radiographs, 2D/3D-CTC- Radiographs\*\*, 2D/3D-CT | A/C: 0.47B/C: 0.42-0.58 | A: 0.46B: 0.60C: 0.51 | n/a |
| Boudissa et al.  | Orthopedic residents (12) | A- 3D-CTB- Segmentation 3D-CT | B: 0.88 | n/a | A: 52%B: 83% |
| Sebaaly et al.  | Multiple reviewers of different experience (14) Group 1- Experienced acetabular surgeons (3) Group 2- Orthopedic trauma surgeons (3) Group 3- Orthopedic senior residents (3) Group 4- Medical students (5) | A- 2D-CTB- 3D-CT | A: Group 1- 0.92  Group 2- 0.64 Group 3- 0.33 Group 4- 0.25B: Group 1- 0.93 Group 2- 0.72 Group 3- 0.72 Group 4- 0.69 | A: Group 1- 0.67 Group 2- 0.56 Group 3- 0.30 Group 4- 0.19B: Group 1- 0.88 Group 2- 0.72 Group 3- 0.58 Group 4- 0.59 | A: Group 1- 84.8% Group 2- 69.1% Group 3- 45.2% Group 4- 27.7%B: Group 1- 91.5% Group 2- 78.9% Group 3- 59.5% Group 4- 63.4% |

Highlighted cells reported as intraclass coefficient (ICC)

\*\*Radiographs include AP pelvis and Judet oblique views in all studies included