

1 Second Look

- Ver. 3.4 (CADx System) (Brem et al., 2005)
 - Mass: (84% per study TP), 1.1 FM; Micro: (98% per study TP), 0.2 FM.
- Ver. 6.0 (iCAD) (Ellis et al., 2007)
 - Mass: (60.9% per study, 42.6% per view TP), 1.41/4 FM, 1 – 31.4% FP.

2 ImageChecker (R2 Technology)

- Ver. 3.1 (Kim et al., 2010)
 - Mass: (78.3% per study, 65.2% per view TP), 0.23 FM; Micro: (100% per study, 94.0% per view TP), 0.15 FM.
- Ver. 8.0 (Roehrig, 2005)
 - Mass: (83.0% “seems” per study TP), 1.0/4 FM.
 - Mass: (86.0% “seems” per study TP), 1.2/4 FM.
 - Mass: (88.0% “seems” per study TP), 1.5/4 FM.
 - Mass: (90.0% “seems” per study TP), 2.0/4 FM.

Bibliography

- Brem, R. F., Hoffmeister, J. W., Zisman, G., DeSimio, M. P., Rogers, S. K., 2005. A computer-aided detection system for the evaluation of breast cancer by mammographic appearance and lesion size. *AJR Am J Roentgenol* 184 (3), 893–6.
- Ellis, R. L., Meade, A. A., Mathiason, M. A., Willison, K. M., Logan-Young, W., 2007. Evaluation of computer-aided detection systems in the detection of small invasive breast carcinoma. *Radiology* 245 (1), 88–94.
- Kim, S. J., Moon, W. K., Kim, S. Y., Chang, J. M., Kim, S. M., Cho, N., 2010. Comparison of two software versions of a commercially available computer-aided detection (cad) system for detecting breast cancer. *Acta Radiol* 51 (5), 482–90.
- Roehrig, J., 2005. The manufacturer’s perspective. *Br J Radiol* 78 Spec No 1, S41–5.