

Comparison of setup precision for patients using „All In One system“, or Dedicated breast board positioning devices

Vedran Manestar

Đurđica Harmicar

Galić Kristijan

KBC Zagreb, Klinika za onkologiju

Fixation and positioning devices

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- Ensuring position reproducibility

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- Offers comfortability

AIO vs. dedicated breast board



Overall comparison

	All In One	Dedicated breastboard
Cost		
Thermoplastic fixation		
Adaptability		
Mobility		
Usage		

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Which fixation system offers more reproducibility, and smaller setup error?

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- Imaging and setup correction were performed on fractions 1, 2, 3, and every 5th further fraction.
- The results were written in prepared forms

Results

Standard deviation of setup error

	All In One Breast board fixation	Dedicated Breast board
Sagital Axis	0,31 cm	0,28 cm
Longitudinal axis	0,3 cm	0,24 cm
Coronal axis	0,36 cm	0,24 cm

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- Further study should be performed

Thank you!