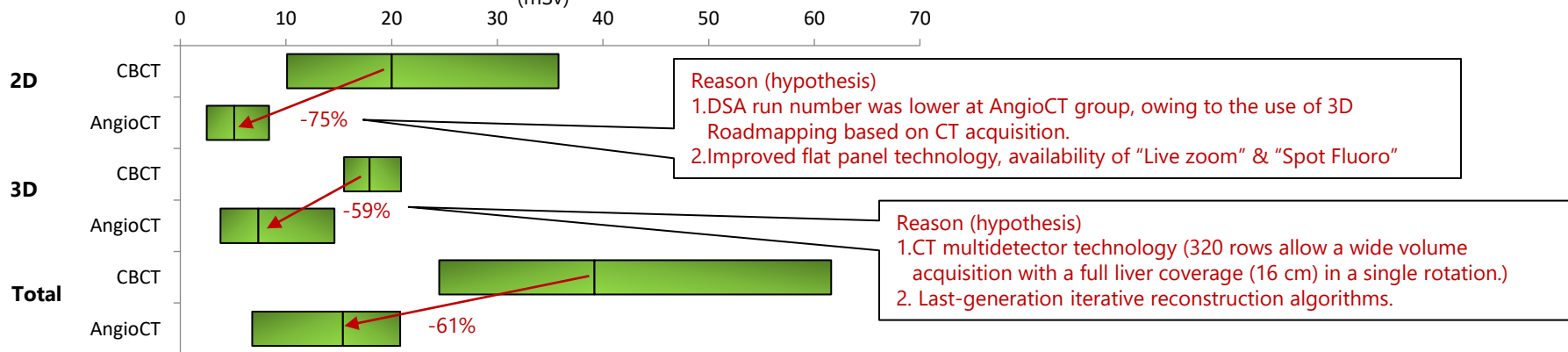


# Radiation Exposure During Transarterial Chemoembolization

## Angio-CT Versus Cone-Beam CT

- ❑ A retrospective comparison study for patient radiation exposure during TACE: Angio-CT (Infinix-i 4D CT, n=57) vs CBCT (Artis Zeego, n=57)

Comparison of effective dose (ED) per procedure between CBCT & Angio-CT group.  
Box indicates interquartile range and center vertical lines represents median values.  
(mSv)



- ❑ **Angio-CT provides a significant decrease in patient radiation exposure during TACE procedures compared to the conventional angiography suite using an Angio system with CBCT.**
- ❑ **The delivered radiation dose during fluoroscopy was reduced using this Angio-CT equipment, whereas fluoroscopy time was equivalent between both modalities. This may be explained mainly by the improved technology of the flat panel, but also by the availability and the systematic use of dose optimization tools provided by the Angio-CT suite such as the "live zoom" and the "spot fluoroscopy" features.**