

Wave-controlled aliasing in parallel imaging magnetization-prepared gradient echo (Wave-CAIPI MPRAGE) accelerates speed for pediatric brain MRI with comparable diagnostic performance

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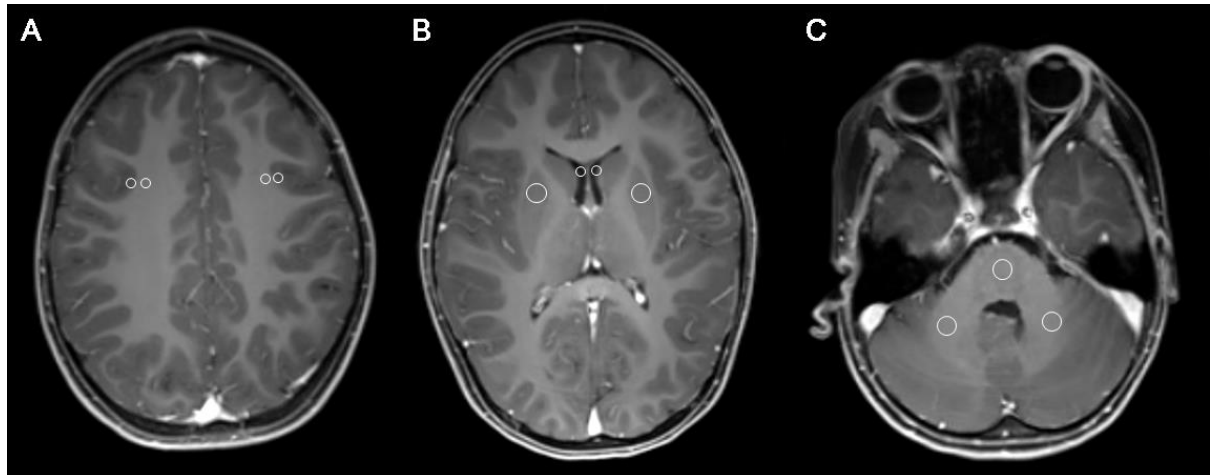
Younghee Yim, MD, PhD¹; Mi Sun Chung, MD, PhD^{1*}; Su Yeong Kim, MD²; Na Mi Lee, MD, PhD²; Jun Soo Byun, MD, PhD¹; Soo Ahn Chae, MD, PhD²

¹Department of Radiology, Biomedical Research Institute, Chung-Ang University Hospital, Chung-Ang University College of Medicine, 102 Heukseok-ro, Dongjak-gu, Seoul, Republic of Korea

²Department of Pediatrics, Chung-Ang University Hospital, Seoul 06973, South Korea
College of Medicine, Chung-Ang University, Seoul 06911, South Korea

Supplemental Materials

Supplemental Figure 1. The location of region of interest for quantitative analysis



Quantitative analyses were performed by two neuroradiologists (Y.Y. and M.S.C.) using circular region of interest (ROI) measurements on axial images. The locations of ROIs were as follows; 1) the gray and adjacent subcortical white matter of the frontal lobe at the level of centrum semiovale of both sides (ROI size: 5 - 8 mm², 1A), 2) both putamen (ROI size: 20-30 mm², 1B) and the frontal horn of both lateral ventricles (ROI size: 5 - 8 mm², 1B) at the level of anterior corpus callosum, and 3) the central pons and both cerebellums and the level of middle cerebellar peduncle (ROI size: 20-30 mm², 1C). The measurements of ROI were performed with avoidance of artifacts or enhancing lesions such as vessels.

Supplemental Table 1. Raw data of qualitative analysis

[illegible]

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