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Title: Safety, Tolerability, Blinding Efficacy and Behavioral Effects of a Novel MRI-Compatible High-Definition tDCS Set-Up

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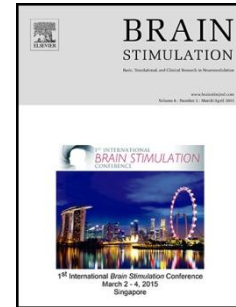
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**Safety, tolerability, blinding efficacy and behavioral effects of a novel****MRI-compatible high-definition tDCS set-up**

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**Highlights**

- We tested safety, tolerability and blinding efficacy of a novel high-definition tDCS set-up.
- We also assessed behavioral effects and compatibility with functional MRI.
- Effects were compared to those of conventional-tDCS.
- Only HD-tDCS modulated performance and was better tolerated than conventional-tDCS.
- The novel set-up is safe for use during MRI.

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