



**BRAINWORKS**

The International Inflammatory  
Brain Disease Outcome Study

# **Antibody-Mediated Inflammatory Brain Disease/Autoimmune Encephalitis (AE) Treatment Protocols**

Last updated July 2022

# BrainWorks AE Protocol

## Antibody-mediated Inflammatory Brain Disease/AE\*

Mild to moderately severe disease (no ICU or dysautonomia)



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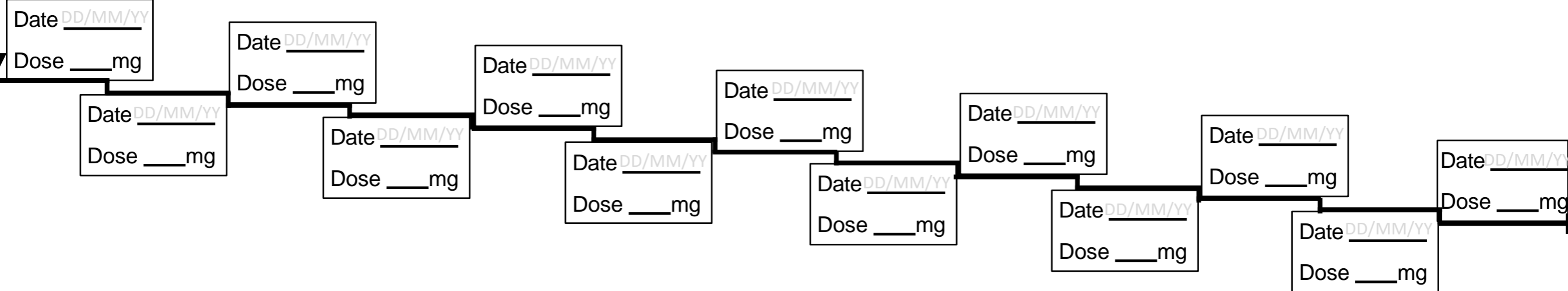
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**IV Methylprednisolone pulses** (optional)

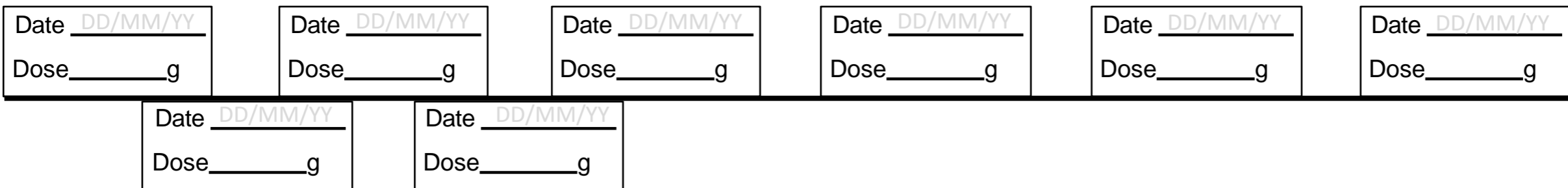
30 mg/kg (max 1 g)  
x \_\_\_\_\_ days (3-7)  
Start date DD/MM/YY  
Dose \_\_\_\_\_ mg

**Prednisone daily**

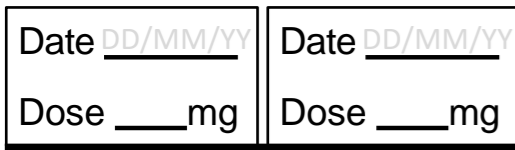
2 mg/kg (max 60 mg) tapering every 2 weeks  
(e.g. 60 mg/day, 50, 40, 30, 25, 20, 17.5, 15, 12.5, 10, 7.5, 5, 2.5, stop)



**IVIg** (2 g/kg, max 70 g, every 2 weeks for 5 doses, then monthly for 3 doses)



**Rituximab** (500 mg/m<sup>2</sup> twice, two weeks apart; check for complete B cell/CD20 depletion)



**Calcium** (1000 mg/day PO)

**Vitamin D** (1000 IU/day PO)

\*Including Anti-NMDAR encephalitis, Neuromyelitis optica, MOGAD, autoimmune Limbic encephalitis, Hashimoto encephalitis, other

# BrainWorks AE Protocol

**Antibody-mediated Inflammatory Brain Disease/AE\***  
 Severe disease (i.e. ICU, dysautonomia)



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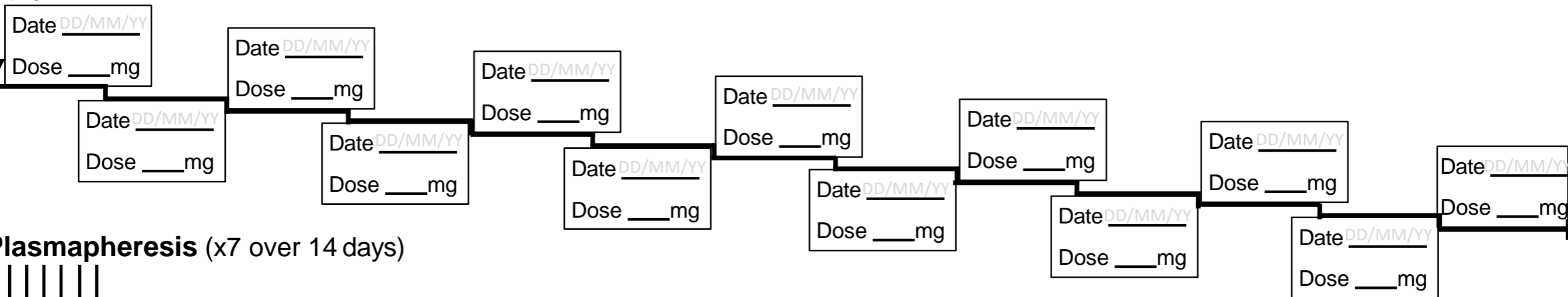
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**IV Methylprednisolone pulses** (optional)

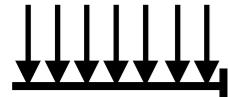
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 Dose \_\_\_\_\_ mg

**Prednisone daily**

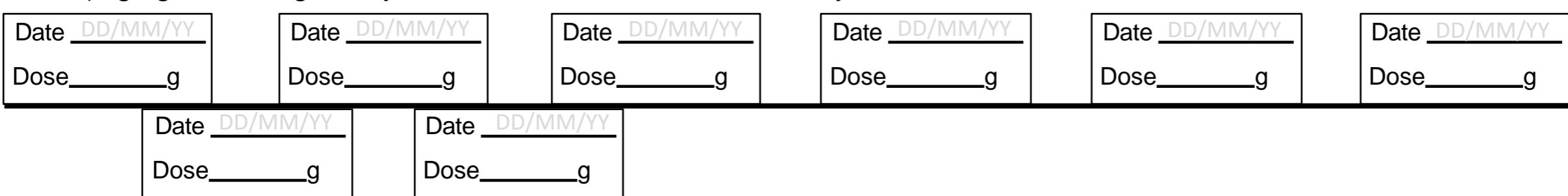
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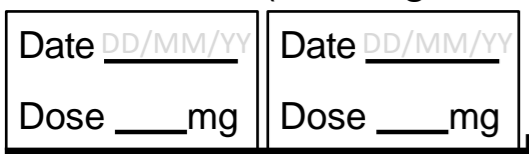
**Plasmapheresis** (x7 over 14 days)



**IVIg** (2 g/kg, max 70 g, every 2 weeks for 5 doses, then monthly for 3 doses)



**Rituximab** (500 mg/m<sup>2</sup> twice, two weeks apart; check for complete B cell/CD20 depletion – baseline and 6 months)



**Calcium** (1000 mg/day PO)

**Vitamin D** (1000 IU/day PO)

\*Including Anti-NMDAR encephalitis, Neuromyelitis optica, MOGAD, autoimmune Limbic encephalitis, Hashimoto encephalitis, other