## Summary of 2017 McDonald Criteria for the Diagnosis of MS

**✓ Requires elimination of more likely diagnoses**

**✓ Requires demonstration of dissemination of lesions in the central nervous system in space and time**

<table>
<thead>
<tr>
<th>DIT = dissemination in time</th>
<th>CNS = central nervous system</th>
<th>T2 lesion = hyperintense lesion on T2-weighted MRI</th>
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<tbody>
<tr>
<td>DIS = dissemination in space</td>
<td>CSF = cerebrospinal fluid</td>
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### CLINICAL PRESENTATION

**...in a person who has experienced a typical attack/CIS at onset**

- 2 or more attacks and clinical evidence of 2 or more lesions; OR
- 2 or more attacks and clinical evidence of 1 lesion with clear historical evidence of prior attack involving lesion in different location

None, DIS and DIT have been met

**...2 or more attacks and clinical evidence of 1 lesion**

DIS shown by one of these criteria:
- additional clinical attack implicating different CNS site
- 1 or more MS-typical T2 lesions in 2 or more areas of CNS:
  periventricular, cortical, juxtacortical, infratentorial, or spinal cord

**...1 attack and clinical evidence of 2 or more lesions**

DIT shown by one of these criteria:
- Additional clinical attack
- Simultaneous presence of both enhancing and non-enhancing MS-typical MRI lesions, or new T2 or enhancing MRI lesion compared to baseline scan (without regard to timing of baseline scan)
- CSF oligoclonal bands

**...1 attack and clinical evidence of 1 lesion**

DIS shown by one of these criteria:
- Additional attack implicating different CNS site
- 1 or more MS-typical T2 lesions in 2 or more areas of CNS:
  periventricular, cortical, juxtacortical, infratentorial, or spinal cord

AND

DIT shown by one of these criteria:
- additional clinical attack
- Simultaneous presence of both enhancing and non-enhancing MS-typical MRI lesions, or new T2 or enhancing MRI lesion compared to baseline scan (without regard to timing of baseline scan)
- CSF oligoclonal bands

### ADDITIONAL CRITERIA TO MAKE MS DIAGNOSIS

**...in a person who has steady progression of disease since onset**

1 year of disease progression (retrospective or prospective)

DIS shown by at least two of these criteria:
- 1 or more MS-typical T2 lesions (periventricular, cortical, juxtacortical, or infratentorial)
- 2 or more T2 spinal cord lesions
- CSF oligoclonal bands