

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*

DIT = dissemination in time

DIS = dissemination in space

CNS = central nervous system

CSF = cerebrospinal fluid

T2 lesion = hyperintense lesion on T2-weighted MRI

CLINICAL PRESENTATION

ADDITIONAL CRITERIA TO MAKE MS DIAGNOSIS

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

<ul style="list-style-type: none"> • 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 	<p>None, DIS and DIT have been met</p>
<ul style="list-style-type: none"> • 2 or more attacks and clinical evidence of 1 lesion 	<p>DIS shown by <u>one</u> of these criteria:</p> <ul style="list-style-type: none"> - 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
<ul style="list-style-type: none"> • 1 attack and clinical evidence of 2 or more lesions 	<p>DIT shown by <u>one</u> of these criteria:</p> <ul style="list-style-type: none"> - 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
<ul style="list-style-type: none"> • 1 attack and clinical evidence of 1 lesion 	<p>DIS shown by <u>one</u> of these criteria:</p> <ul style="list-style-type: none"> - 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 <p>AND</p> <p>DIT shown by <u>one</u> of these criteria:</p> <ul style="list-style-type: none"> - 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

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

<p>1 year of disease progression (retrospective or prospective)</p>	<p>DIS shown by at least <u>two</u> of these criteria:</p> <ul style="list-style-type: none"> - 1 or more MS-typical T2 lesions (periventricular, cortical, juxtacortical, or infratentorial) - 2 or more T2 spinal cord lesions - CSF oligoclonal bands
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