

	<u>Argentina</u>	<u>Australia</u>	<u>Austria</u>	<u>Brasil</u>	<u>Canada<sup>1</sup></u>	<u>Europe<sup>2</sup></u>	<u>France</u>	<u>GNP<sup>3</sup></u>	<u>Germany</u>	<u>IAGG<sup>4</sup></u>	<u>Ireland</u>	<u>Italy<sup>5</sup></u>	<u>New Zealand</u>	<u>Scotland</u>	<u>Singapore</u>	<u>Spain</u>	<u>South Korea</u>	<u>UK<sup>6</sup></u>	United States			
																			<u>AA<sup>7</sup></u>	<u>GSA<sup>8</sup></u>	<u>AAN<sup>9</sup></u>	<u>ABFM<sup>10</sup></u>
Publication or revision	2011	2016	2011	2011	2012	2012	2011		2015	2010	2014	2011	2013	2006	2013	2010	2011	2015	2013	2015	2001	2012
Patient history	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓
History from informant	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	?	✓	✓		✓
Physical exam	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓			✓
Neurological exam	✓		✓		✓	✓	✓	?	✓	✓	✓	✓			✓	✓	✓		✓			
cognitive assessment	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓
ADLs/IADLs						✓	✓	✓	✓	✓			✓		✓	✓	✓		✓			✓
BPSD		✓				✓		✓	✓	✓					✓	✓	✓	✓	✓			✓
Depression		✓	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓
Full blood count	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓
- Hb, WBC												?										
- ESR	✓								✓	✓	✓	?					✓					
Serum electrolytes (Na <sup>+</sup> , K <sup>+</sup> )		✓	✓		✓		✓		✓	✓	✓	?	✓		✓	✓	✓	✓			✓	✓
Serum calcium	✓		✓	✓	✓	✓	✓		✓	✓	✓	?	✓		✓	✓	✓	✓				
Serum phosphate			✓						+			?										
Glucose		✓	✓		✓	✓	✓		✓	✓	✓	?	✓		✓	✓	✓	✓	✓	✓		✓
Thyroid function tests (TSH)	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	?	✓		✓	✓	✓	✓	✓	✓	✓	✓
Renal function: BUN/creatinine		✓	✓	✓		✓	✓		✓	✓	✓	?	✓		✓		✓	✓	✓		✓	✓
Liver function tests (γGT)		✓	✓	✓		✓	+		✓			?	✓		✓		✓	✓	✓			✓
Serum lipids											✓	?							?			
Serum albumin				✓			✓			✓		?										
Serum B12 levels	✓	✓	✓	✓	✓	✓	+		✓	+	✓	?	✓		✓	+	✓	✓	✓	✓	✓	✓
Serum folate level	✓	✓	✓	✓	NR	✓	+		+			?	✓			+	✓	✓	✓		✓	

	Argentina	Australia	Austria	Brasil	Canada <sup>1</sup>	Europe <sup>2</sup>	France	GNP <sup>3</sup>	Germany	IAGG <sup>4</sup>	Ireland	Italy <sup>5</sup>	New Zealand	Scotland	Singapore	Spain	South Korea	UK <sup>6</sup>	United States			
																			AA <sup>7</sup>	GSA <sup>8</sup>	AAN <sup>9</sup>	ABFM <sup>10</sup>
Syphilis serology	+	+	+	✓	+	+	+		+	+					+	+	✓	+	+		+	
HIV screening	+	+	+	+	+	+	+		+							+	✓	+	+			
Screening for borreliosis						+	+		+													
Urinalysis									+		+						✓	✓				+
Neuroimaging	CT or MRI	CT or MRI	CT or MRI	CT	NR <sup>11</sup>	CT or MRI	MRI <sup>13</sup>	✓	CT or MRI	CT or MRI	CT or MRI	CT or MRI	CT	✓	either CT/MRI or PET/SP ECT	MRI or CT	CT or MRI or PET or SPECT	MRI or CT	CT or MRI <sup>13</sup>			
SPECT/PET			+	✓ <sup>12</sup>	+ <sup>13</sup>				+					NR		NR <sup>14</sup>		+ <sup>13</sup>				
Chest X-Ray		+									+								+			
ECG		✓ <sup>15</sup>	✓								+								+			
EEG	+	NR	+			+	+		+							+			NR			
Genetic testing			+		NR	NR	+		NR						NR	NR	NR					
CSF		NR	+	+	+ <sup>13</sup>	+	+		+						NR <sup>16</sup>	+	NR	NR				
Brain biopsy		NR <sup>17</sup>	NR <sup>17</sup>			NR <sup>17</sup>										NR <sup>17</sup>	NR <sup>17</sup>	NR <sup>17</sup>				

<sup>1</sup> Canadian Consensus Conference  
<sup>2</sup> EFNS-ENS (European Federation of the Neurological Societies – European Neurological Society)  
<sup>3</sup> Geriatric Nursing Protocols  
<sup>4</sup> International Association of Geriatrics and Gerontology  
<sup>5</sup> Guidelines for Tuscany, other regional guidelines can be found [here](#)  
<sup>6</sup> NICE (The National Institute for Health and Care Excellence)  
<sup>7</sup> Alzheimer’s Association  
<sup>8</sup> Gerontological Society of America  
<sup>9</sup> American Association of Neurology  
<sup>10</sup> American Board of Family Medicine  
<sup>11</sup> Not required in all patients; MRI preferable over CT (see Table 4 of guideline document)  
<sup>12</sup> If available  
<sup>13</sup> For differential diagnosis only  
<sup>14</sup> SPECT may be useful for differential diagnosis  
<sup>15</sup> Before commencing Acetyl Cholinesterase Inhibitor treatment  
<sup>16</sup> Decide on case-by-case basis  
<sup>17</sup> Only in selected cases

**LEGEND**

✓	Recommended investigations
+	If there are specific indications
NR	Not routinely
?	Ambiguous
	No information