

# Phenome Analyzer

Linking to resources

DifferentialAdd findingsAdd testsPhenotype 3 1

\* Dementia with Lewy bodies

Parkinson disease, idiopathic

Multiple system atrophy

Progressive supranuclear pal...

Tardive dyskinesia

FTD: frontotemporal dementi...

NPH: Normal pressure hydro...

Corticobasal degeneration

FXTAS: fragile X-associated t...

PARK8: LRRK2-related Parki...

65 year old man

Pertinent positive findings 3

PresenceFindings ranked by pertinence

Recent

REM sleep behavior disorder by history (acts out dreams)

Recent

Bradykinesia

Recent

Tremors of limbs, trunk or head

Pertinent negative findings 1

PresenceFindings ranked by pertinence

X

Modifier: Unilateral location or asymmetry

Maximum pertinence ↑

## SimulConsult enables speed in diagnosis with quality

### Coverage

Covers >8,900 common and uncommon diseases, including all chromosomal abnormalities and genes with germline changes convincingly associated with human disease and their clinical & lab findings.

### Clear logic

You assess the rationale of the fit between your patient and the disease. It achieves “explainable artificial intelligence” using a human-curated database, it is not a black box.

### Platform

Runs on mobile devices as well as computers, so you can use it whenever you need it.

### Focused on your patient

Use your patient’s pertinent positive and negative findings to generate a differential diagnosis and get suggestions on useful clinical findings to add and tests to order.

### Accurate

Reduces diagnostic errors by up to 75%, and helps you consider both the diseases you expect together with other diseases appropriate to consider for your patient. Help advanced practice professionals operate “at the top of their license”

### Fast

Now it reads and interprets medical notes instantly using Natural Language Processing. Enables clinician to get a simultaneous consult in seconds. Automated draft SOAP notes, and easy preparation for lab orders.

SimulConsult®

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[SimulConsult.com](https://SimulConsult.com)

# Contextual linking to references and calculators

## Contextual links are available for active disease and finding.

The display shows links the clinician user can access. The link is for the number 2 disease in the differential diagnosis, **Parkinson disease, idiopathic** and the finding **REM sleep behavior disorder by history (acts out dreams)**.

- **Disease or finding specific articles.** Disease and finding specific articles, including review articles and online textbook chapters are listed.
- **Patient support groups.** Links to Patient Support Groups and Disease-based organizations is also supported.
- **Calculators.** Links to calculators are also offered.

SimulConsult

Load Start W/u Dx Disease ▾ Finding ▾ Links 9 1 Report ▾

**Links about the active disease and finding**

Parkinson disease, idiopathic

[GeneReviews: Parkinson Disease](#)  
[NINDS Parkinson's Disease Page](#)  
[AAN Practice Parameter: Parkinson disease](#)  
[NLM Genes and Disease: Parkinson disease](#)  
[Michael J. Fox Foundation guide for newly diagnosed Parkinson disease](#)  
[AAN Parkinson's Disease Quality Measures](#)  
[MDCalc: Modified Hoehn and Yahr Scale for Parkinson's Disease](#)  
[MDCalc: Webster Rating Scale for Parkinson's Disease](#)  
[OMIM entry 168600](#)

REM sleep behavior disorder by history (acts out dreams)

[REM Sleep Behavior Disorder](#)  
Terminology:  
[Unified Medical Language System entry](#)

Are there other links you'd like to include? [Submit them](#), specifying the relevant disease or finding.

# In workflow, risk warnings

Warnings help you avoid risks during the diagnosis and treatment process.

SimulConsult

Load Start W/u Dx Disease Finding Links 0 1 Report

Differential

Add findings

Add tests

Phenotype 2 1

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FTD: frontotemporal dementi...

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Corticobasal degeneration

FXS: fragile X-associated t...

PARK8: LRRK2-related Parki...

Alzheimer disease 2, APOE-r...

Alzheimer disease 1, APP-rel...

Multiple system atrophy

Hepatic encephalopathy

Tremor, hereditary essential ...

Alzheimer disease 3, PSEN1-r...

Alzheimer disease 4, PSEN2-...

Top

<

>

All findings (usefulness rank)

Flagged (usefulness rank)

Flagged (rarity rank)

Presence

Findings

? ? ? ? ? ? ? ?

L-DOPA response good

Gait disturbance

Blinking reduced

Micrographia

Modifier: Spasticity character to hypertonia

Posture stooped

Modifier: Rigidity character to hypertonia

Face, expressionless

Present, recent onset (50-65 years of age)

Present, onset @ ^

Present, onset ≤ ^

Present, onset unknown (✓)

Absent (X)

Not specified (deleted from phenotype)

REM sleep behavior disorder by history (acts out dreams)

Top

<

1 of all findings

>

Maximum usefulness ↑

Differential

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Add tests

Phenotype 3 1

\* Dementia with Lewy bodies

Parkinson disease, idiopathic

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Tar

FTI

NP

Co

FX

PAI

Alz

Alzheimer disease 1, APP-rel...

65 year old man

Pertinent positive findings 3

Presence

Findings ranked by pertinence

Recent

Recent

REM sleep behavior disorder by history (acts out dreams)

Bradykinesia

Risk with: Dementia with Lewy bodies

Treating with dopaminergic antipsychotics (neuroleptics) can produce permanent neurological deterioration

Useful links:

Diagnosis and management of dementia with Lewy bodies

StatPearls: Lewy Body Dementia