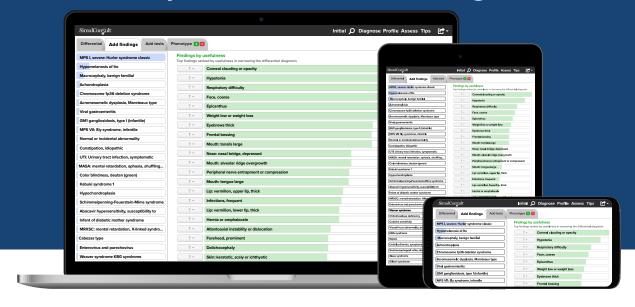
EHR-Integrated Phenome Analyzer

Saves you even more time in diagnosis



Now reads your note and recognizes findings

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. Easy access from the patient record.

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 practice "at the top of their license"

Fast

Now it reads and interprets medical notes instantly. Get a simultaneous consult in seconds. Real-time draft SOAP notes and prep for laboratory orders. Minimize duplication - start from where left off.

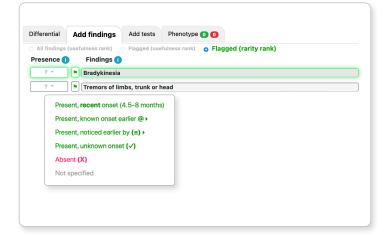


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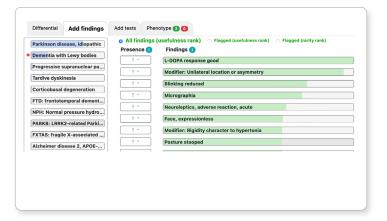
Getting to the diagnosis



From the patient chart, start a new SimulConsult session or a previously saved session



- Use the Natural Language Processing (NLP) engine to extract the already known "flagged" findings from the chart, shown here with the referral note.
- Review the findings and then use the pulldown menu to comment on absence or presence and onset, for the relevant findings

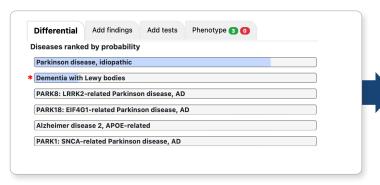


During the visit, add findings based on Usefulness.

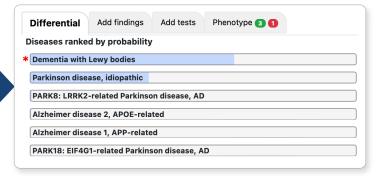
The display of useful findings recalculates with the evolving differential diagnosis.

- Add findings. Prompts you to add the most useful clinical findings relevant to your patient
- Add tests. Prompts you to add the most useful test results relevant to your patient

Differential diagnosis with 3 positive findings: "tremors, bradykinesia, expressionless face"

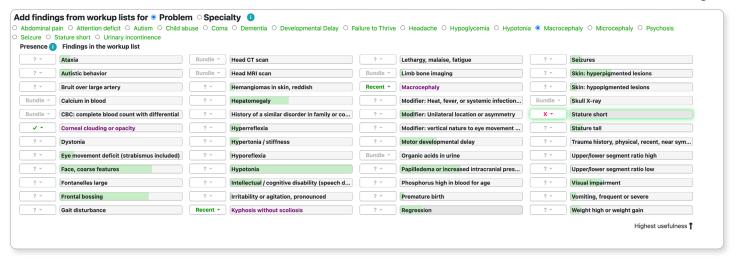


Differential diagnosis with the addition of 1 pertinent negative "asymmetry"

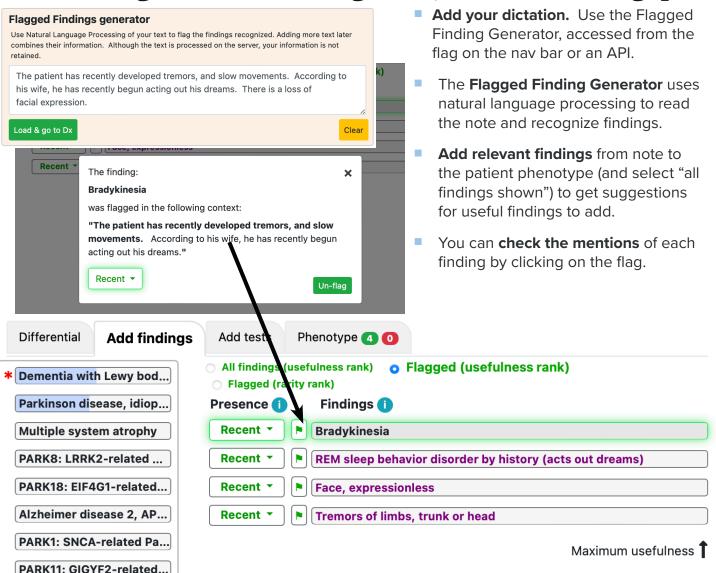


Save time entering findings with Workups by specialty or problem Green shading prompts you for the most useful findings

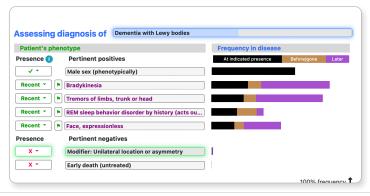
for the most useful findings



Save even more time with real-time dictation as input to the evolving differential diagnosis, without risking quality



Assess the logic of the diagnosis to see if you agree



- Assess the diagnosis. See how well your patient's pertinent positives and negatives (left side) fit with the disease (right side), given their onsets - the logic driving the differential diagnosis.
- No black box algorithms. You see the reasoning and you make the diagnosis

Automated draft SOAP standardizes Assessment, computes the pertinent findings, saving you time

SUBJECTIVE and HISTORY

This is a 65-year-old man with:

Other history

REM sleep behavior disorder by history (acts out dreams), onset at about 60 years old Hallucinations, onset at about 60 years old

Alcohol abuse (fetal exposure included), absent

OBJECTIVE

Present on physical exam

Face, expressionless Tremors of limbs, trunk or head Bradykinesia

Absent on physical exam

Modifier: Unilateral location or asymmetry

ASSESSMENT

This is a 65-year-old man with:

Pertinent positives

REM sleep behavior disorder by history (acts out dreams) Face, expressionless Tremors of limbs, trunk or head Bradykinesia

Pertinent negatives

Modifier: Unilateral location or asymmetry

Differential Diagnosis

Dementia with Lewy bodies Parkinson disease, idiopathic Alzheimer disease 2, APOE-related Alzheimer disease 1, APP-related Alzheimer disease 3, PSEN1-related

PLAN

Findings to assess

REM sleep behavior disorder on sleep EEG EEG: slowing, generalized CT or MRI: cerebral cortex atrophy or hypoplasia

- Bulleted draft SOAP note. Fast and easy to digest with a computation of the Pertinent findings.
- Paired with Generative AI for draft Prose SOAP note, with no 'hallucinations', except your patient, of course.
- When combined with real-time dictation it can capture "color" such as the REM sleep behavior disorder by history was "reported by the wife".

Terse clinician prose note

GPT generated from bulleted notes plus real-time dictation

The patient is a 65-year-old male who presents with REM sleep behavior disorder, as reported by the wife, expressionless face, tremors of limbs, trunk, or head, and bradykinesia. The assessment of the patient reveals pertinent negatives such as absent Unilateral location or asymmetry.

The differential diagnosis includes five potential conditions, of which the most likely is dementia with Lewy bodies. The others are idiopathic Parkinson's disease, Alzheimer disease 2, APOE-related, Alzheimer disease 1, APP-related, and PARK8: LRRK2-related Parkinson disease, AD.

I have ordered testing for REM sleep behavior disorder through a sleep EEG and a CT or MRI to look for cerebral cortex atrophy or hypoplasia.



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