

VisualDx: ご利用方法

VisualDxは、患者の症状から関連性の高い疾患の鑑別をサポートする臨床診断サポートシステムです。ユニークで非常に動作の早い鑑別診断ビルダーと、多数の医用画像ライブラリにより、より迅速で正確な診断を支援します。

例：患者の症状

Vomiting (嘔吐)
Developed Rapidly in Minutes or Hours
(ここ数時間内に催した)
Fever (発熱)
Headache (頭痛)
Diarrhea (下痢)
Contaminated Food Exposure
(汚染された食品への暴露)

Step 1 : 症状の主訴の入力

症状のうち主訴（この場合は嘔吐）を入力します。

Quick Start Differential Builder から、質問形式で症状を入力することもできます。

visualDx

Enter a Symptom, Medication, or Diagnosis

Quick Start Differential Builder

vomiting

Search Texts for "vomiting"

Build a differential diagnosis

vomiting

hematemesis (vomiting blood)

bilious emesis (vomiting bile)

Diagnoses

cyclic vomiting syndrome

drug-induced nausea or vomiting

Select a chief complaint to start building a custom differential

General Symptoms

Abdominal Pain

Dermatology

Diarrhea

ENT/Oral Medicine

Vomiting

Ophthalmology

Nausea

Neuro/Psych

Hepatomegaly

Cardiopulmonary

Gastrointestinal

Genitourinary

Step 2 : 年齢、性別の選択

visualDx / Patient Findings

Workup for Vomiting

DDx Strength

VIEW THIS DIFFERENTIAL

Enter additional findings and/or use the workup questions below

Additional Findings

Onset of Findings

Appearance of Patient

Associated Symptoms

Physical Exam Findings

Laboratory Findings

Social History

Additional Findings

Developed Rapidly in Minutes or Hours

Developed Acutely Over Days to Weeks

Developed Steadily Over Weeks to Months

Developed Chronically Lasting Months to Years

Recurring Episodes or Relapses

None

PATIENT INFO

50-59 years

Female

FINDINGS

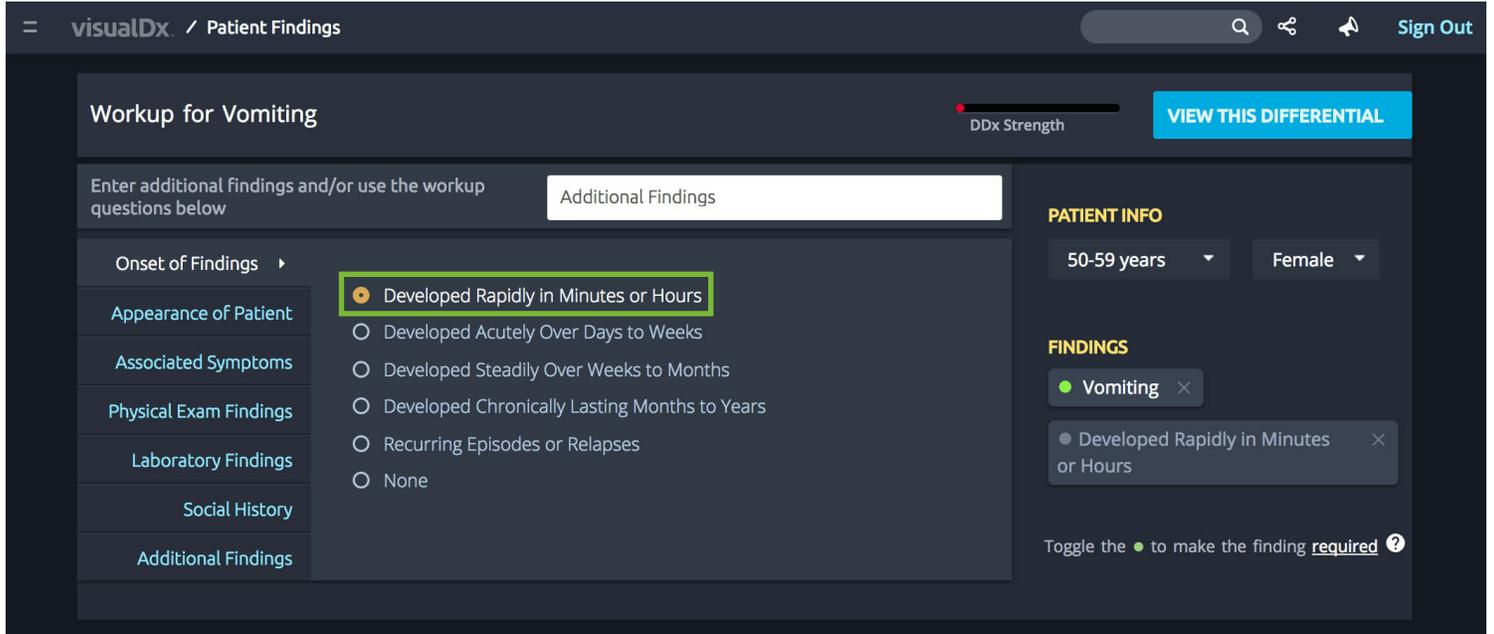
Vomiting

Toggle the ● to make the finding required

Step 3 : 症状の詳細を入力

画面左側で分類された項目ごとに、症状の内容を選択していきます。

- ◆ いつから症状があるのか ◆ 病態 ◆ 併発するその他の症状
- ◆ 身体所見 ◆ 検査所見 ◆ 嗜好、食中毒等 ◆ 項目に無いその他の症状



visualDx / Patient Findings

Workup for Vomiting DDx Strength [VIEW THIS DIFFERENTIAL](#)

Enter additional findings and/or use the workup questions below

Onset of Findings ▾

- Developed Rapidly in Minutes or Hours
- Developed Acutely Over Days to Weeks
- Developed Steadily Over Weeks to Months
- Developed Chronically Lasting Months to Years
- Recurring Episodes or Relapses
- None

Appearance of Patient

Associated Symptoms

Physical Exam Findings

Laboratory Findings

Social History

Additional Findings

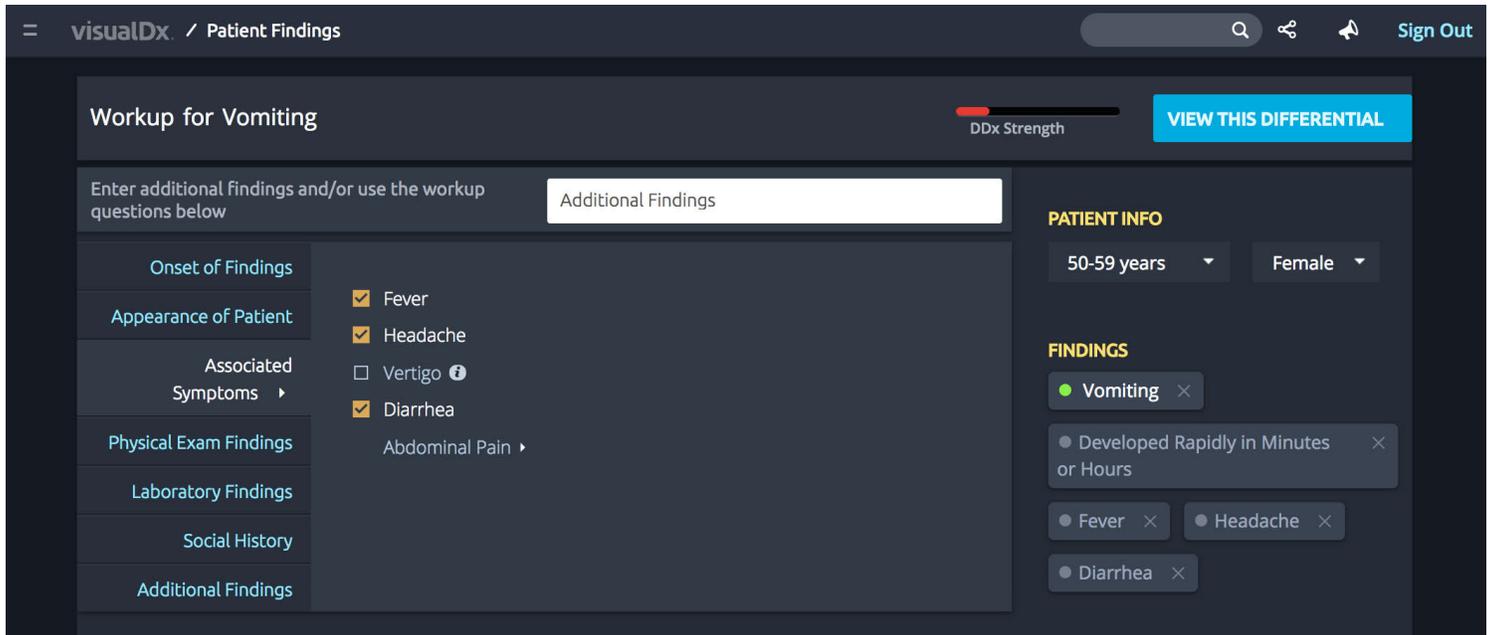
PATIENT INFO

50-59 years ▾ Female ▾

FINDINGS

- Vomiting ×
- Developed Rapidly in Minutes or Hours ×

Toggle the to make the finding **required** ?



visualDx / Patient Findings

Workup for Vomiting DDx Strength [VIEW THIS DIFFERENTIAL](#)

Enter additional findings and/or use the workup questions below

Onset of Findings

Appearance of Patient

Associated Symptoms ▾

- Fever
- Headache
- Vertigo ⓘ
- Diarrhea

Abdominal Pain ▾

Physical Exam Findings

Laboratory Findings

Social History

Additional Findings

PATIENT INFO

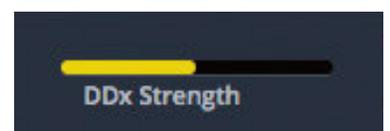
50-59 years ▾ Female ▾

FINDINGS

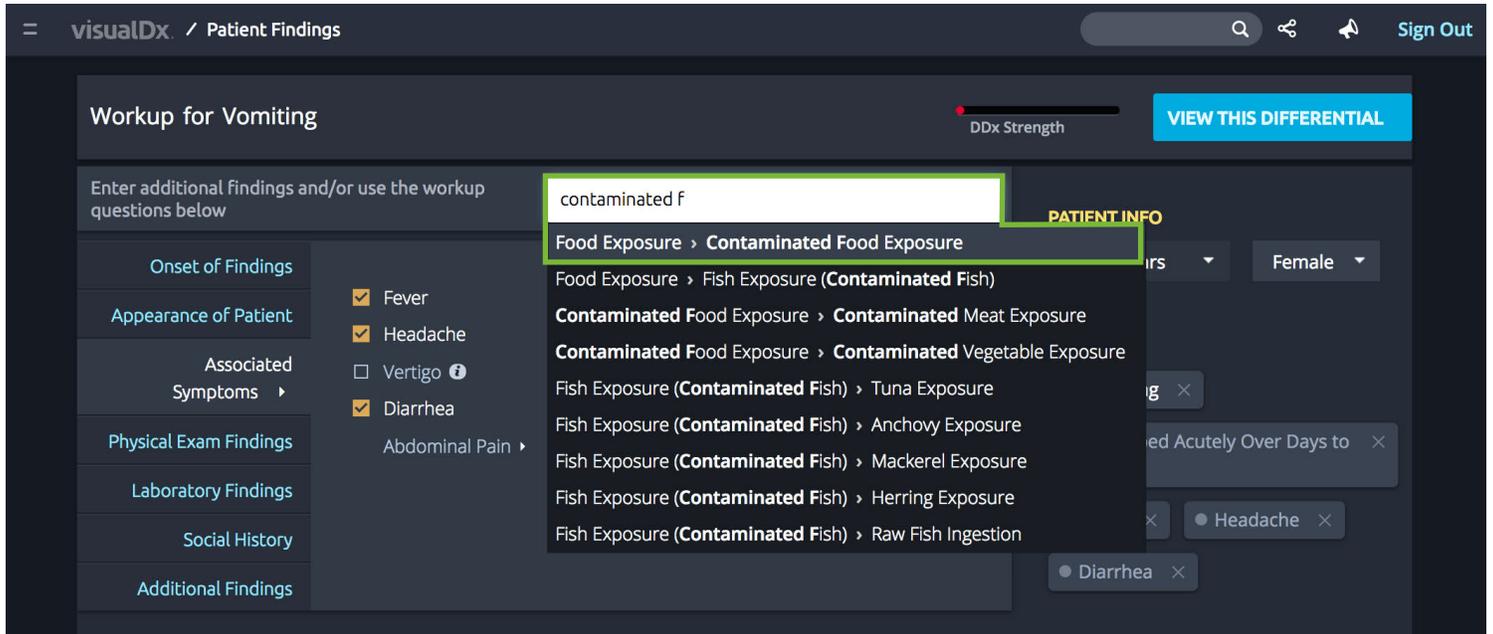
- Vomiting ×
- Developed Rapidly in Minutes or Hours ×
- Fever ×
- Headache ×
- Diarrhea ×

Step 4 : DDx 強度

入力、選択した内容に依り赤→黄→緑と変わり、緑にバーが伸びるほど疾病が絞られます。

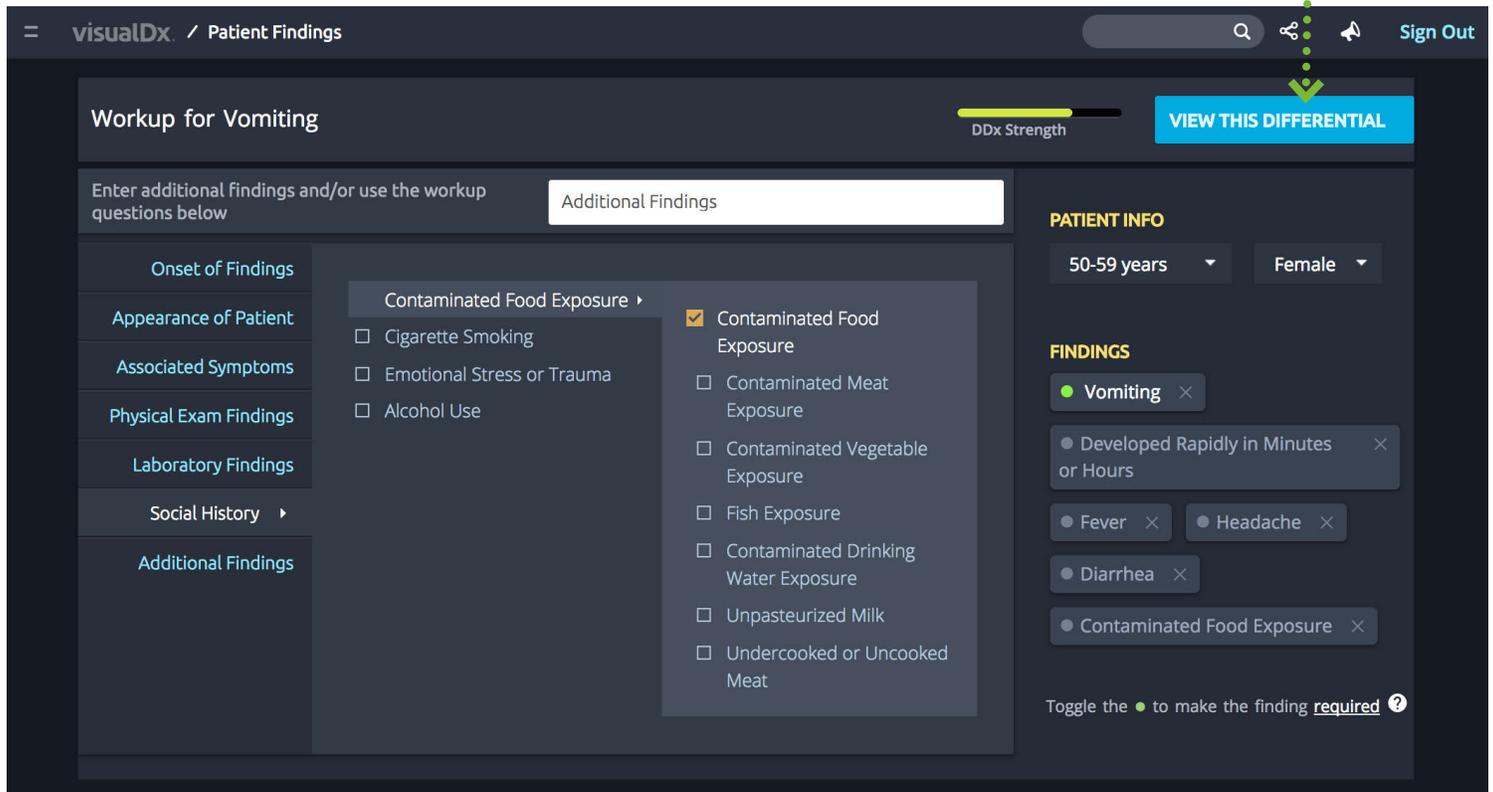


Step 5 : 項目に無いその他の症状を入力



The screenshot shows the 'Workup for Vomiting' section in the visualDx application. The 'DDx Strength' bar is partially filled. A search box contains the text 'contaminated f'. A dropdown menu is open, listing various food exposure categories such as 'Food Exposure > Contaminated Food Exposure', 'Food Exposure > Fish Exposure (Contaminated Fish)', and 'Contaminated Food Exposure > Contaminated Meat Exposure'. The 'Contaminated Food Exposure' option is highlighted with a green box. On the right, 'PATIENT INFO' shows '50-59 years' and 'Female'. Below, there are tags for 'Vomiting', 'Headache', and 'Diarrhea'.

Step 6 : 鑑別診断を表示する



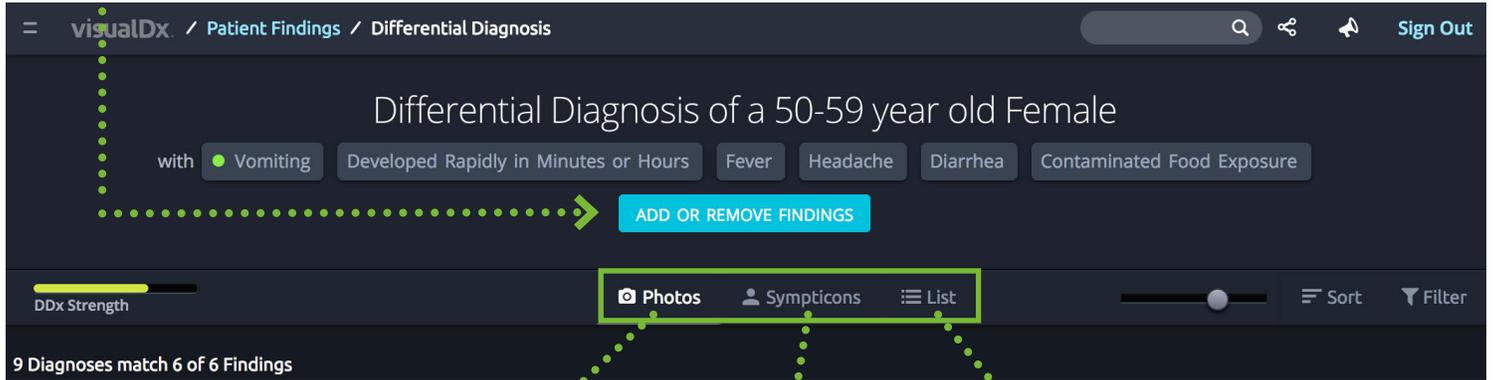
The screenshot shows the 'Workup for Vomiting' section in the visualDx application. The 'DDx Strength' bar is now fully filled. The search box contains 'Additional Findings'. A dropdown menu is open, listing various food exposure categories such as 'Contaminated Food Exposure > Contaminated Food Exposure', 'Contaminated Food Exposure > Contaminated Meat Exposure', and 'Contaminated Food Exposure > Contaminated Vegetable Exposure'. The 'Contaminated Food Exposure' option is highlighted with a green box. On the right, 'PATIENT INFO' shows '50-59 years' and 'Female'. Below, there is a 'FINDINGS' section with tags for 'Vomiting', 'Developed Rapidly in Minutes or Hours', 'Fever', 'Headache', 'Diarrhea', and 'Contaminated Food Exposure'. A green arrow points from the 'VIEW THIS DIFFERENTIAL' button in the previous screenshot to this button.

Step 7 : 各条件に適合した疾病一覧

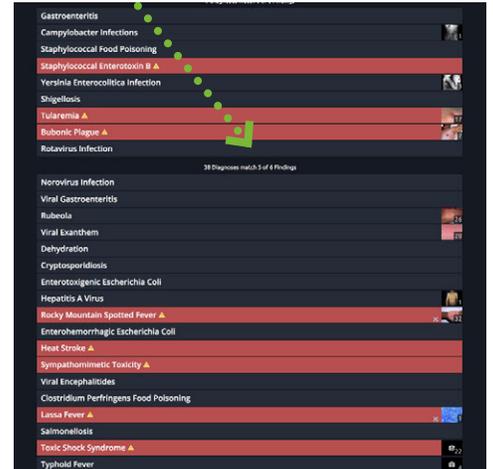
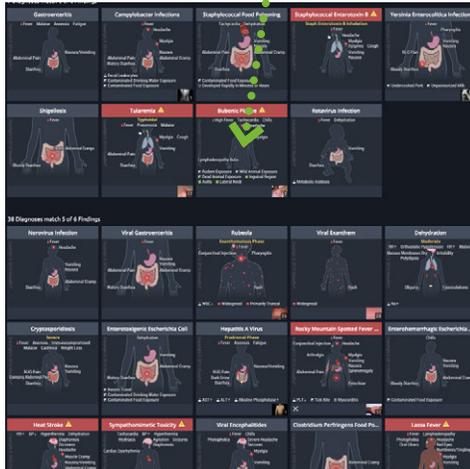
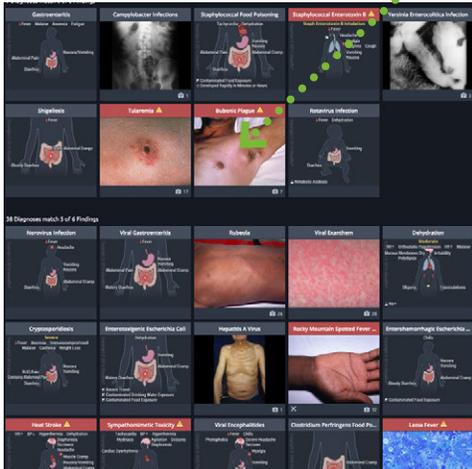
上部に表示された疾病はより入力した条件に適合しています。

ADD OR REMOVE FINDINGS をクリックすると、全画面に戻り、画面右側に入力した内容が表示されています。

「X」をクリックすれば、症状等を削除することができます。

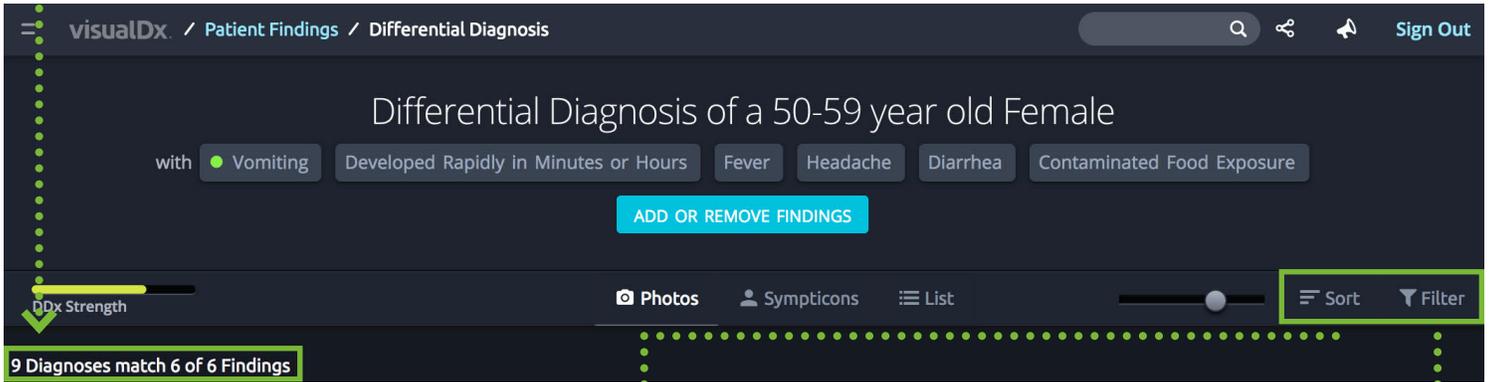


Step 8 : 疾病一覧の表示方法を変更します



- ！ 重篤な疾病は赤く表示され注意を喚起します。
- Photo 画像を表示します。
- Sympticons 疾病を画像で表現したSympticonを表示します。
- リスト リスト表示します。

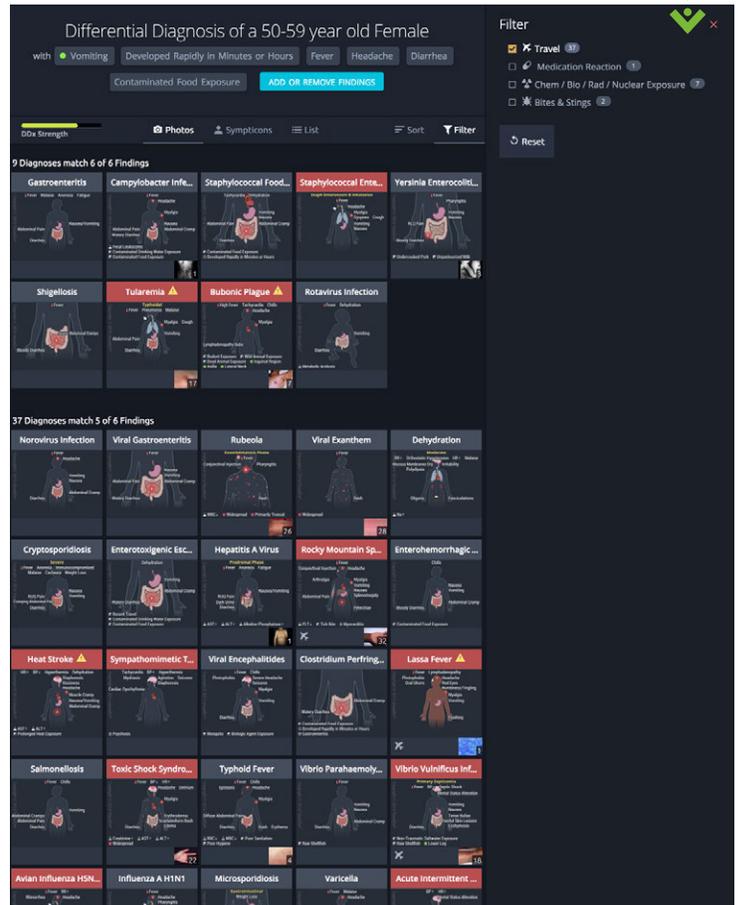
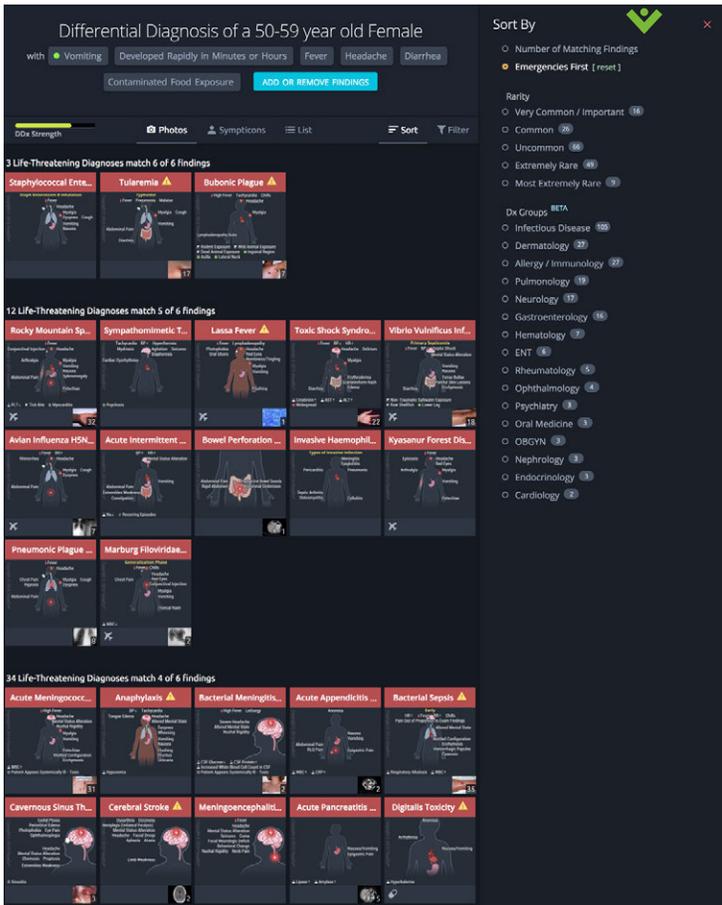
Step 9 : 疾病の並べ替え、絞り込



Sort 疾病を条件で並べ替えることができます。

Filter

疾病を「旅行」、「薬物」、「化学物質、生物、放射性物質への暴露」、「虫刺」に絞り込むことができます。



Step 10 : 疾病の選択

View Diagnosis Details をクリックすると、詳細が表示されます。

疾病の詳細情報、誤診断に陥りやすい疾病、UpToDate や PubMed へのリンクがあります。

visualDx / Patient Findings / Differential Diagnosis

Gastroenteritis

VERY COMMON OR IMPORTANT DIAGNOSIS

Acute onset of diarrhea and vomiting, typically associated with nausea, fever, malaise, and anorexia. Most often caused by viruses, but typical bacterial agents include *Salmonella*, *Campylobacter*, *Shigella*, *Listeria*, enterotoxigenic *Escherichia coli*, and *Clostridium difficile*. It can be difficult to differentiate bacterial from viral gastroenteritis, but bacterial gastroenteritis occurs more often in the summer months and is more often associated with a fever and bloody diarrhea. History may help determine etiology, eg, sick contacts, food / restaurant history, travel history, or recent use of antibiotics.

[View Diagnosis Details](#)

Other Resources:

[UpToDate](#) [PubMed](#)

Matches 6 of 6 findings: [Edit findings](#)

Vomiting ✓ Developed Rapidly in Minutes or Hours ✓ Fever ✓ Headache ✓

Diarrhea ✓ Contaminated Food Exposure ✓

visualDx / Patient Findings / Differential Diagnosis

Rocky Mountain Spotted Fever

COMMON DIAGNOSIS

Caused by the gram-negative bacterium *Rickettsia rickettsii*. The most severe rickettsial illness of humans; without treatment, the case fatality rate is 20%-30%. The disease is transmitted most commonly via the tick bite of the Dermacentor, Rhipicephalus, or Amblyomma ticks. Occurs in the eastern two-thirds of US, Pacific Coast, Rocky Mountain states, southwestern US, northern Mexico, and Central and South America. Over 90% of cases occur during April through September. Early clinical manifestations include high fever, severe headache, myalgias, nausea, and vomiting. Later manifestations include rash, photophobia, confusion, ataxia, seizures, cough, dyspnea, arrhythmias, jaundice, and severe abdominal pain.

[View Diagnosis Details](#)

Other Resources:

[UpToDate](#) [PubMed](#)

Matches 5 of 6 findings: [Edit findings](#)

Vomiting ✓ Developed Rapidly in Minutes or Hours ✓ Fever ✓ Headache ✓

Diarrhea ✓ Contaminated-Food-Exposure