



STATdx

Quick, Confident Diagnosis.

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Feature Highlights—Rely on the Experts

STATdx, written by renowned radiologists in each specialty, provides comprehensive decision support you can rely on, including:

- Over 200,000 image examples of X-ray, CT, MRI, and ultrasound
- □ Over **4,300** common and complex **diagnoses**
- More than 1,300 differential diagnosis modules
- 300 comprehensive normal imaging anatomy
- □ 20,000 easily-sortable patient cases
- ☐ 195 basic and advanced intervention procedures



STATdx 影像資料庫已訂閱客戶

STATdx 影像資料庫於全球有超過37000個用戶,於美國之學術單位更是全面訂閱,

STATdx

users = Over 37000

Cases = Over 20000

Images = Over 200000

100% of US Academic Programs are using STATdx

2015年4月份甫於台灣開始推廣,目前已訂閱之客戶如下:

1	田 /	(LL	医殳	心主
	113	白	酉	ピノエ

2.衛福部桃園醫院

3.臺中榮總醫院

4.臺北榮總醫院

5.萬芳醫院

6.新店耕莘醫院

7.新光醫院

8.奇美醫院

9.衛福部台南醫院

10.台北醫學大學

11.台北醫學大學附設醫院

12.雙和醫院

13.高雄榮總

14.台北榮總鳳林分院

15.台北榮總竹東分院

16.台北榮總台東分院

17.台北榮總玉里分院

18.台北榮總桃園分院

19.關渡醫院

20.台北榮總蘇澳分院

21.台北榮總員山分院

22.台中榮總埔里分院

23.台中榮總嘉義分院

24.台中榮總灣橋分院

25.高雄榮總台南(永康)分院

26.高雄榮總屏東(龍泉)分院

27.永和耕莘醫院

28.大林慈濟醫院

29.亞東醫院

30. 壢新醫院

31.林口長庚

32.財團法人彰化基督教醫院

33.秀傳醫療社團法人秀傳紀念醫院

34.秀傳醫療財團法人彰濱秀傳紀念醫院

35.台南市立醫院

36.奇美醫療財團法人柳營奇美醫院

37.奇美醫療財團法人佳里奇美醫院

38.義大醫療財團法人義大醫院

39.財團法人彰化基督教醫院雲林分院

Feature Highlights

1.RADTools (RADTools)

醫事放射師常用工具之彙整,包含TNM和癌症分期表等圖表,各式診斷程序, 對齊角度之參考與分類資訊,以及各種計算工具。

2.主題預覽 (Topic Previews)

在目錄、搜尋結果、以及診斷模組中瀏覽主題標題時,可預覽相關內容。

3. 隨時比較 (Compare Anywhere)

可並列對照兩個診斷影像以上,方便您快速而清楚的交互參考。

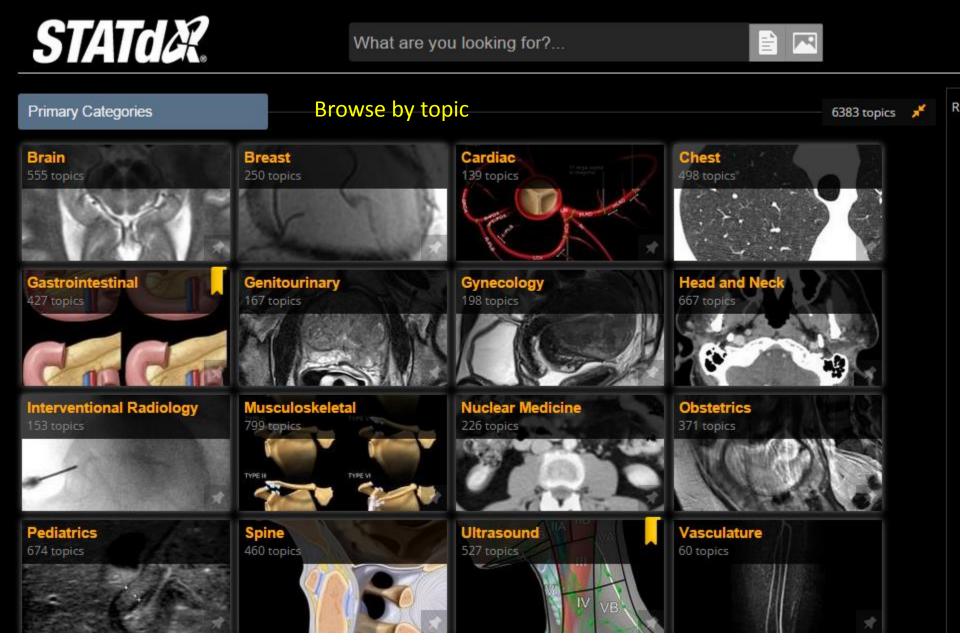
4.簡報製作

每張圖片均可自動匯出成PPT,並附上圖片說明,讓您輕鬆準備演講題材。

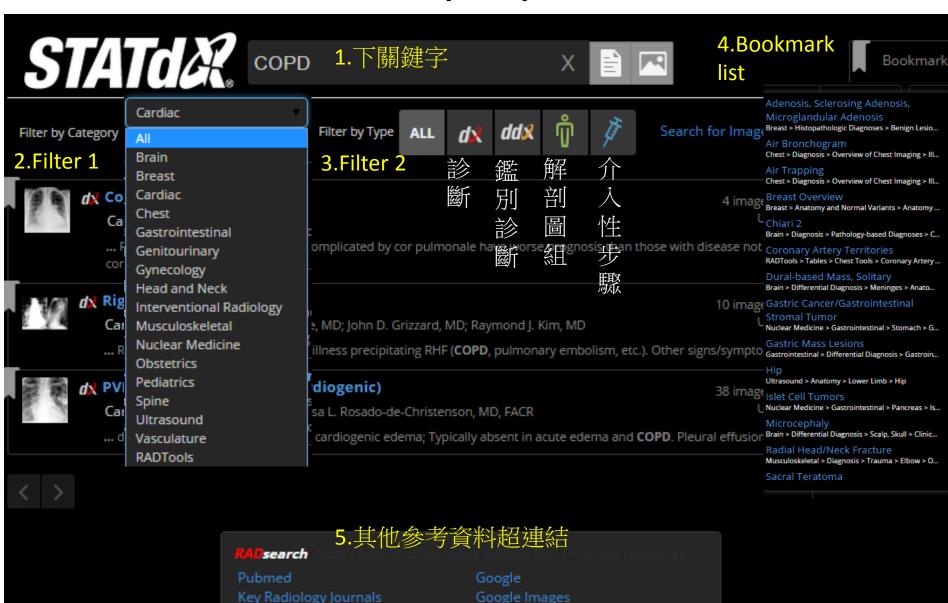
5.關鍵字 link out

搜尋關鍵字可串連至 Pubmed/radiology pdf/google

AMIRSYS STATdx 影像資料庫簡介



Search by keyword



Google Scholar

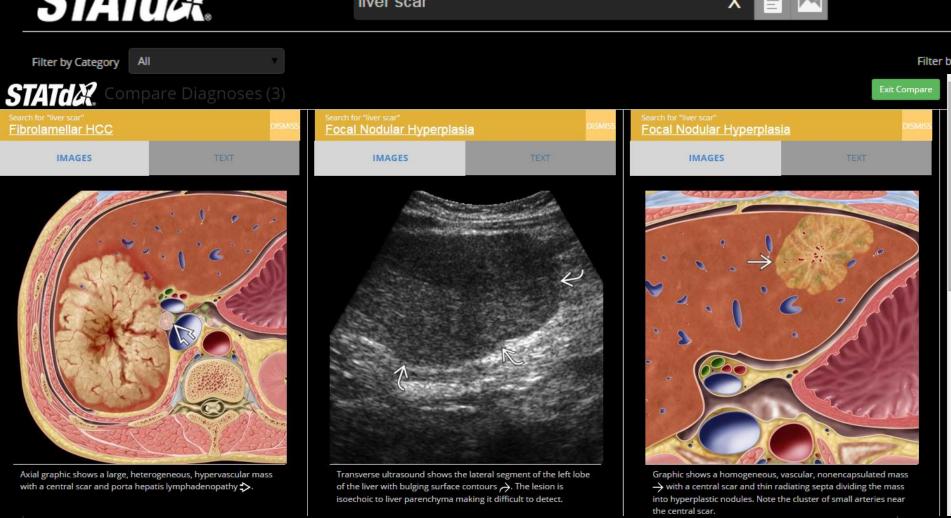
PDF Search

Compare

比對不同的疾病診斷圖像

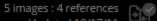


liver scar



... Conventional HCC in noncirrhotic liver mimics FLC. Hepatic Cavernous Hemangioma. ... mass; Central decreased attenuation (scar), rarely





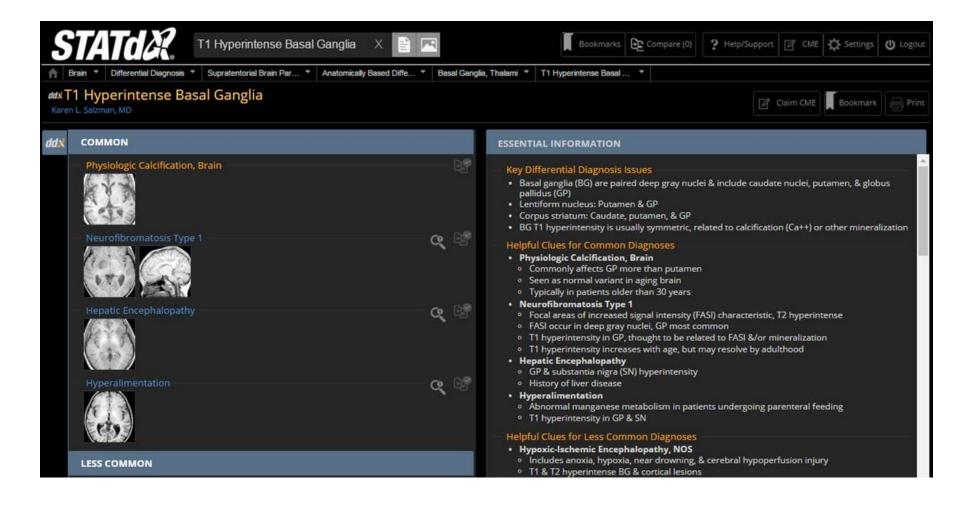
RAD Tools-Calculators

	Calculators					
1	0.10	<i>▶</i> Ankle Fractures Calculator	1 image : 1 reference Updated 04/16/15	C ₂		
	₩.	<i>▶</i> Bone Age Calculator	1 image : 2 references Updated 05/11/15	୯		
	ΞШΞ	Bone Tumors Calculator	1 image Updated 05/11/15	୯		
		Intracranial Cysts Calculator	1 image Updated 05/11/15	୯		
	*	Lung Cancer Staging Calculator	1 image : 1 reference Updated 05/11/15	୯		
	A	Pneumothorax Calculator	1 image : 2 references Updated 05/11/15	୯		
		Radiation Dose Calculator	1 image : 1 reference Updated 05/11/15	୯		
		Renal Insufficiency Calculator	1 image : 1 reference Updated 05/14/15	୯		
	- Color	Solitary Pulmonary Nodule: Bayesian Method	1 image : 2 references Updated 05/14/15	୯		
î	Racifications Session Age Notes Service Seasons pulling	Solitary Pulmonary Nodule: Gould Method	1 image : 1 reference Updated 05/14/15	୯		
î		Tumor Doubling Time: Diameter	1 image : 1 reference Updated 05/14/15	୯		
î	Ø.	Tumor Doubling Time: Volume	1 image : 1 reference Updated 05/14/15	୯		

RAD Tools-Tables

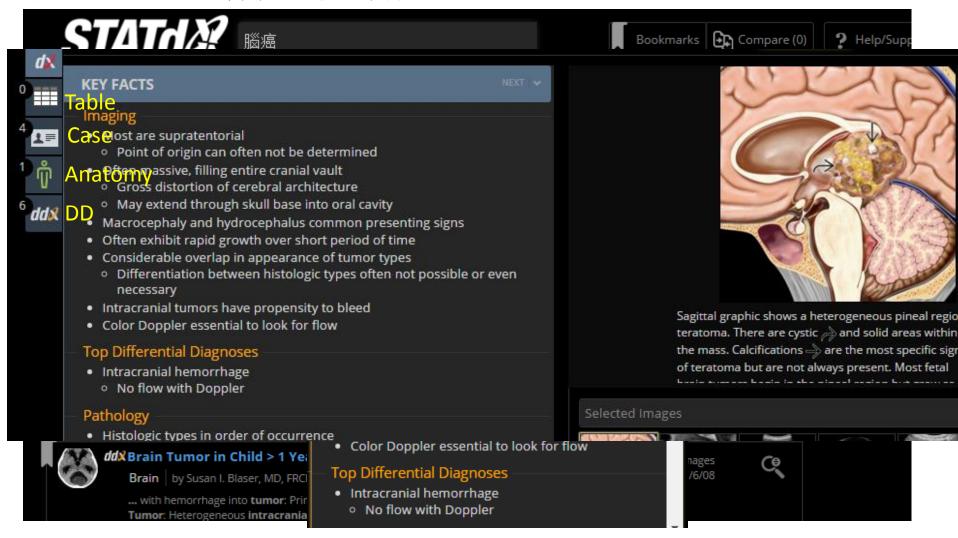
- AJCC Tables
- Neuro Tools
- Obstetrics Tools
- Chest Tools
- GI/GU Tools
- MSK Tools
- Pediatrics Tools

T1 Hyperintense Basal Ganglia



Key Facts

摘錄自AMIRSYS電子書系列的完整內容



Script



Obstetrics > Diagnosis > Brain > Tumors

Parenchymal Brain Tumors

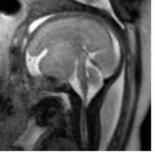
Paula J. Woodward, MD

Selected Images

Hide Images



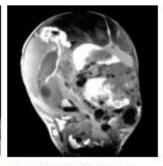
Sagittal graphic shows a heterogeneous pineal region teratoma. There are cystic and solid areas within the mass.
Calcifications are the most specific sign of teratoma but are not always present. Most fetal brain tumors begin in the pineal region but grow so large that the point of origin is often not discernible.



Sagittal T2WI MR of a 3rd trimester fetus with a teratoma shows the mass compressing the cerebrum and stretching the brainstem



Transverse ultrasound of a fetal brain shows a large, heterogeneous mass within the cranial vault completely destroying normal anatomic landmarks. Measurements showed marked macrocephaly.

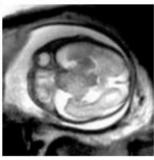


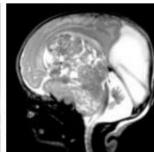
Postmortem coronal T1WI shows complete replacement of brain tissue by a complex mixed signal intensity mass. Immature teratoma with primitive neural ectodermal tissue, cartilage, bone, intestinal mucosa, smooth muscle, and hemorrhage was identified at autopsy.





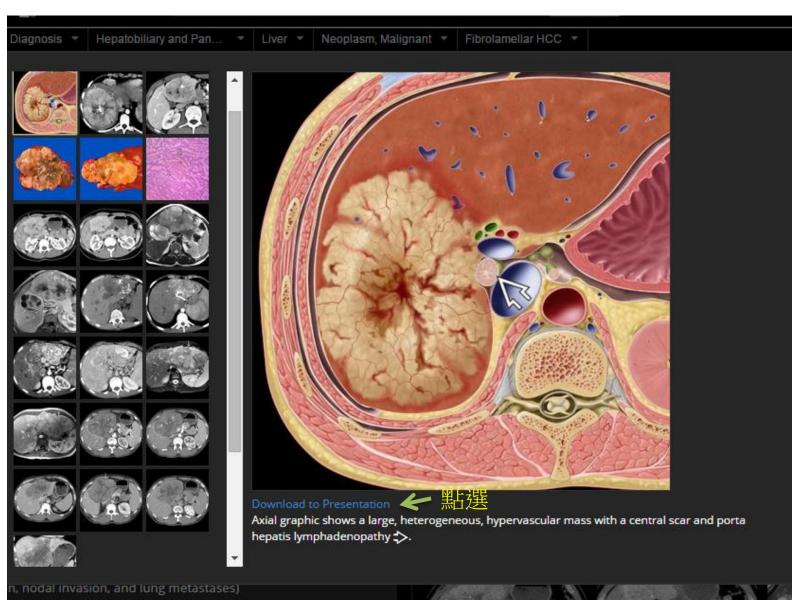
Gross pathology in the same case shows a variegated, lobular mass with marked thinning of the





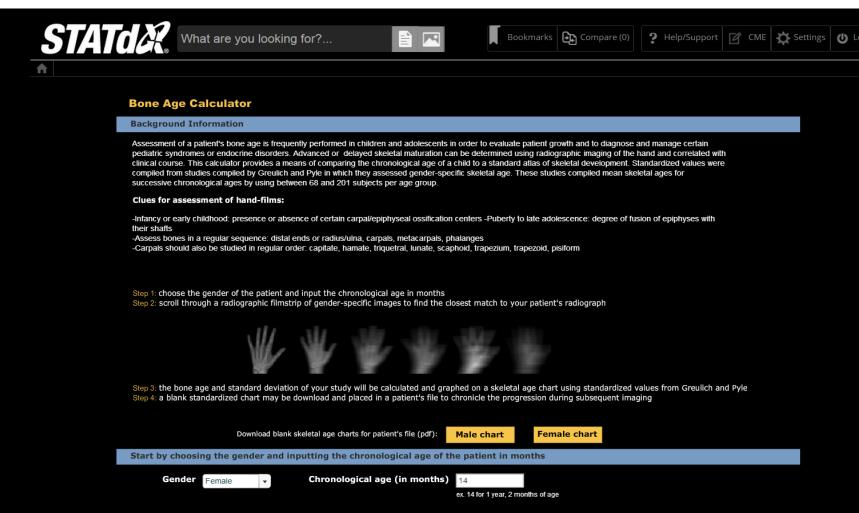
Sagittal T2WI MR on day 1 of life shows a large heterogeneous mass with high signal cystic areas

圖像自動轉存為PPT



WI: Hypointense (FLC); hyperintense (FNH)

Bone Age Calculator







Elsevier's STATdx

- A diagnostic decision support system for radiologists



<u>USE CASE</u> Lyme's Disease

Outline

- Lyme's Disease
 - Clinical History
 - MRI Findings
 - Navigating STATdx
 - Primary Differential Diagnosis
 - Reference Images
 - About STATdx

Clinical History

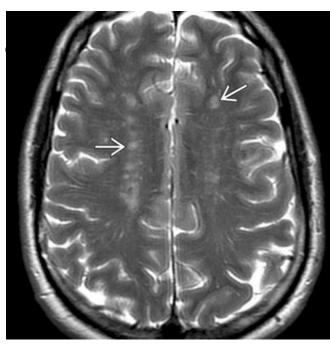
- 35-year-old woman complaints of weakness on one-side of the face after getting back from a camping trip
- Complaints also include severe headache, neck stiffness, fever, chills, muscle/joint pain and fatigue
- Patient presents with multiple erythema migrans (skin rashes), round, outwardly expanding rash ("bull's-eye")

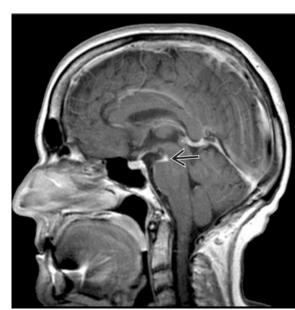
 Patient's relative also complaints that this woman is having concentration difficulties and unable to remember certain information lately

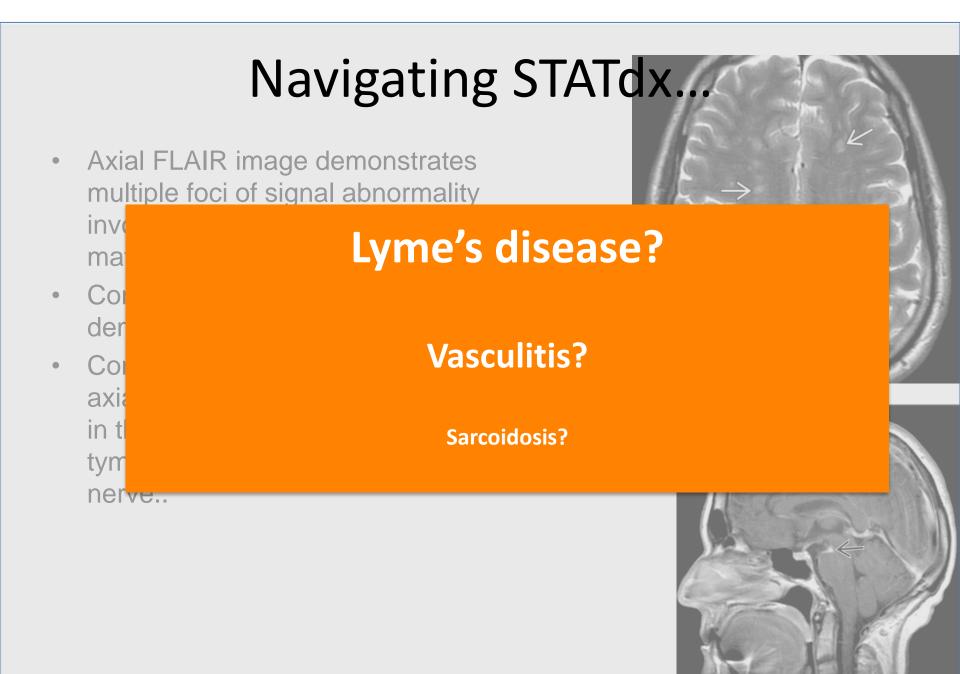
Confirmation of diagnosis requires: ELISA, PCR, MRI

MRI Findings.

- Axial FLAIR image demonstrates multiple foci of signal abnormality involving the periventricular white matter bilaterally.
- Contrast-enhanced axial T1WI does not demonstrate any enhancement.
- Contrast-enhanced, fat-suppressed axial T1WI demonstrates enhancement in the labyrinthine and anterior tympanic segments of the left facial nerve..



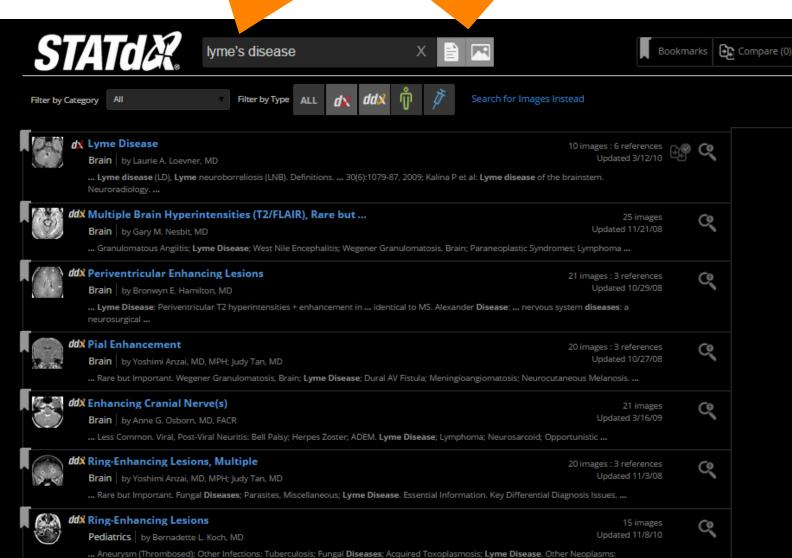




Search function helps user find relevant content

Users may search by documents or images





Click the "Preview" i

? Help/Support

CME

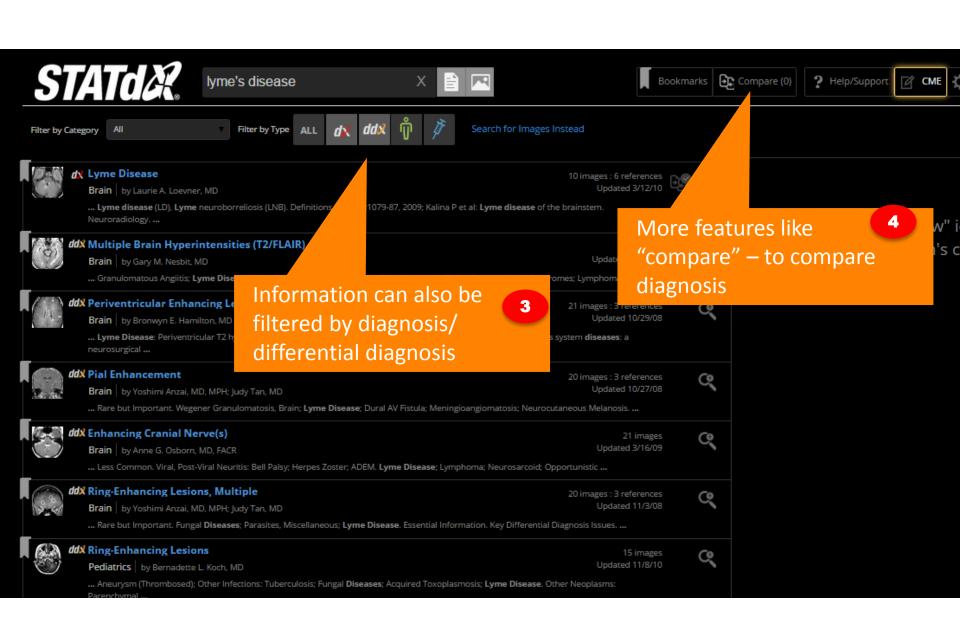
Primary Differential Diagnosis

Demyelinating disease

Vasculitis

Sarcoidosis

Chronic fatigue syndrome



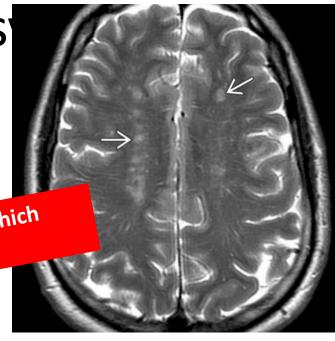
Decision support s

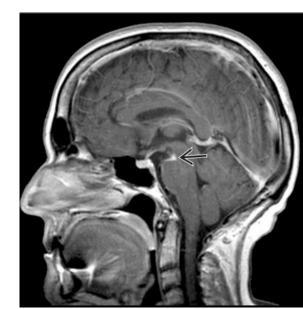
Axial FLAIR image demonstrates multiple foci of signal abnormality involving the periventricular white matter bilaterally,.

Unique imaging clues help radiologists choose which Contrast-enhanced axial T demonstrate

diagnoses to consider and compare
emonstrates end vi gemonstrates enhancement in the labyrinthine and anterior tympanic segments of the left facial nerve...

Diagnosis: Lyme's Disease



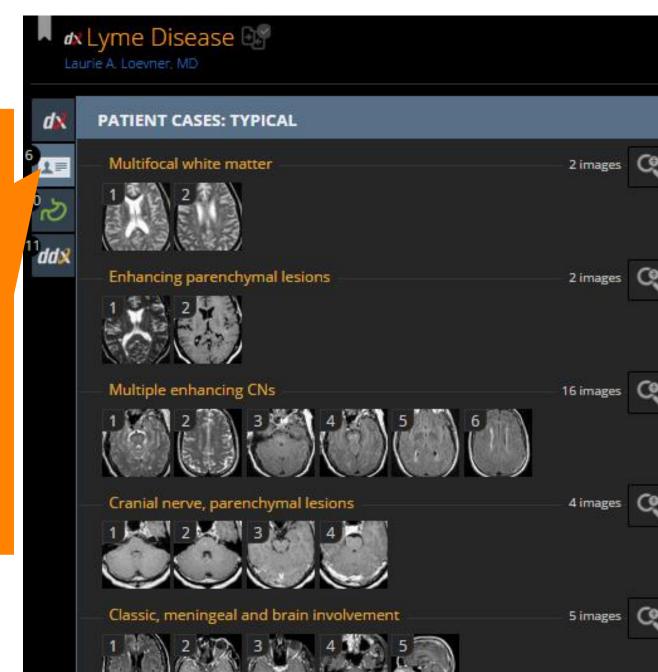


Each diagnosis topic includes patient cases:

Each case includes demographics, history, case description, and the author/contributor.

The Description includes the author notes and annotations for the case.

All cases include numerous labeled images.



About STATdx

A point-of-care diagnostic decision support system for working and studying radiologists.

STATdx increases speed, accuracy and confidence in diagnosing complex imaging cases

More than 4,000 diagnoses written by the world's leading experts in radiology

STATdx includes over 1,000,000 images, including x-ray, CT, MR and ultrasound images

Nearly 20,000 supporting individual patient cases, authored by world-renowned experts in radiology

Unique 'Compare' feature allows a side-by-side comparison of up to three diagnoses simultaneously

