Epilepsy Diagnosis Aid

Guidelines for use

1 From Device Screen tap **EpilepsyDiagnosis** icon

2 To see the **Menu** either tap green bars at top left or swipe screen to right

3 To enter a new record tap **Add**

> **This part of the app lets you enter information about patients to determine the probability of episodes being epileptic seizures.**
> **If an answer is not known, tap NOT KNOWN and not NO**

4 Tap text box under **Patient Identifier** and keyboard will appear
Enter **Patient Identifier**
NOTE: you should not store any information which will enable a patient's identity to be discerned, either on your device or uploaded on to a server
Tap **Done** or ⇒

4 Enter whether **Eyewitness Available**, either in person or by phone
Tap ⇒

5 Enter **Gender**
Tap ⇒

6 Enter **Age** in years
Tap **Done**
NOTE: This app has not been tested on children less than 9 years. If age is less than 9 years you will be asked if you wish to proceed.

5 Ask about **Predisposing Factors**
Ask the 4 questions
A severe head injury is one with unconsciousness for 24 hours or more.
If ANY answers of Yes tap **YES**
If all answers of No tap **NO**
If not clear from the history tap **NOT KNOWN**
Tap ⇒

6 Now ask about DURING the attack. If no eye witness then there will be a lot of **Not Known**

7 Ask does any Color Change DURING the attack to Red or Blue or White or Grey.
If Red or Blue tap **Yes**
If any other response tap **No**
If uncertain tap **Not Known**

For more information see www.epilepsyapp.org

Tap ⇒

8 Ask if there is stiffening of the limbs. Demonstrate by stiffening your own arms.
If uncertain tap **Not Known**

Tap ⇒

9 Ask if there is shaking of the limbs. Demonstrate by jerking your own arms about once or twice per second
If uncertain tap **Not Known**

Tap ⇒

10 Ask if the tongue is ever bitten.
If uncertain tap **Not Known**

Tap ⇒

 11 Ask if there is ever incontinence of urine
If uncertain tap **Not Known**

Tap ⇒

12 Ask if the head turns to one or other side. Demonstrate by turning your own head
If uncertain tap **Not Known**

Tap ⇒

13 Ask if eyes are **Closed**.
If open or rolling tap **No**
If uncertain tap **Not Known**

Tap ⇒

14 Ask if they can Communicate?
If uncertain tap **Not Known**

Tap ⇒

15 Ask whether AFTER the attack there is weakness of one or other side? If generalised weakness tap **No**
If uncertain tap **Not Known**

Tap ⇒

16 The app will then generate an **Epilepsy Probability Score**.
This screen provides guidelines for interpretation:
90 – 100   Almost certainly epileptic seizures
31 – 89   Uncertain
0 – 30   Almost certainly NOT epileptic seizures
                  (Uncertain if no eye witness)
If there is no eye witness and a score is < 30 then a yellow message will appear saying that the diagnosis is uncertain.
There is a box for Clinical Comments.

For more information see www.epilepsyapp.org

Tap the box to enter details, especially of clinical impression

17 Tap **View** to view and check entered record. If any mistakes tap **EDIT**
18 To Save record to device tap **SAVE**

19 To return to **Menu** either tap green bars at top left or swipe screen to right

20 Tap **View** to view records. A list of records on the device is displayed.

21 Tap an individual record to View it

22 Tap the ⊠ at the top right hand corner to Delete this record from the phone. If it has been uploaded it will not delete it from the server.

23 To return to **Menu** either tap green bars at top left or swipe screen to right

24 Tap **Delete** button to see records prior to deletion. Delete individual records by tapping the ⊠ beside the record. To delete all records, tap **Delete All** at the top right hand corner.

25 To return to **Menu** either tap green bars at top left or swipe screen to right.

26 To upload records to the server tap **Upload**. This will display a list of records on the phone with an indication whether they have been uploaded previously.

27 Tap the ⇧ to upload individual records. Tap **Upload All** at the top right hand corner of the screen to upload all records.
NOTE: a wireless internet connection is required for this operation

28 To return to **Menu** either tap green bars at top left or swipe screen to right

29 **Settings** allows you to **Logout** of your account or **change password**

30 To return to **Menu** either tap green bars at top left or swipe screen to right

31 Tap **Exit** to leave the application

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