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- ☒ Calculate single Evans' Index
- ☐ Compare Evans' Indices

Enter parameters from latest scan.

28/08/2023

FH

BPD

ER

Enter parameters from previous scan.

28/08/2023

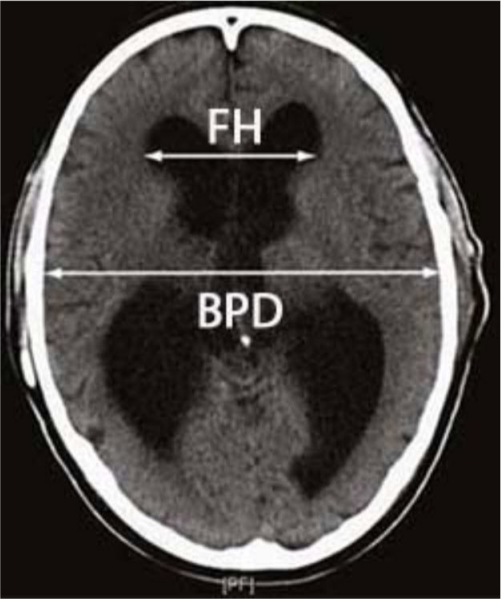
FH

BPD

ER

Submit

Clear



https://operativeneurosurgery.com/doku.php?id=evans_index

*FH = maximal diameter of the frontal horns

*BPD = maximal biparietal diameter on the same imaging slice as FH in axial CT or MRI

Project: vithyaa-naren-13

Date: 28 August 2023 09:55:14

EvansIndexCalc

Class EvansIndexCalc

Inherits WebPage

Events

Sub Opening()

 DatePicker1.SelectedDate=DateTime.Now

 'Var today As DateTime = DateTime.Now

 'DatePicker1.SelectedDate=new DateTime(2015,3,12)

 'DatePicker2.SelectedDate=DateTime.Now

End Sub

Sub Shown()

 Label9.Visible = False

 Label7.Visible = False

 Label8.Visible = False

 Label12.Visible = False

 Label13.Visible = False

 Textfield3.Visible = False

 Textfield4.Visible = False

 DatePicker2.visible=False

End Sub

EvansIndexCalc Control TextField1:

Sub Shown()

End Sub

```
Sub TextChanged()
```

```
End Sub
```

```
Sub Opening()
```

```
End Sub
```

EvansIndexCalc Control TextField2:

EvansIndexCalc Control Button1:

```
Sub Pressed()
```

```
    dim x as boolean
```

```
    dim xx as double
```

```
    dim yy as double
```

```
    xx=Cdbl(Textfield2.text)
```

```
    yy=Cdbl (Textfield4.text)
```

```
    'If x=IsNumeric(Textfield1.text) or x=IsNumeric(Textfield2.text) or x=IsNumeric(Textfield3.text) or x=IsNumeric(Textfield4.text) or xx=0 or yy=0 then
```

```
    'MessageBox("Please complete all fields. Please enter numeric values above 0.")
```

```
    'End if
```

```
If RadioGroup1.SelectedIndex = 1 then
```

```
    If x=IsNumeric(Textfield1.text) or x=IsNumeric(Textfield2.text) or x=IsNumeric(Textfield3.text) or x=IsNumeric(Textfield4.text) or xx=0 or yy=0 then
```

```
        MessageBox("Please complete all fields. Please enter numeric values above 0.")
```

```
    End if
```

```
    dim a1 as double
```

```
    dim b1 as double
```

```
    dim c1 as double
```

```
    dim a2, b2, c2 as double
```

```
    a1 = Cdbl (Textfield1.text)
```

```
    b1 = Cdbl (Textfield2.text)
```

```
    c1 = a1/b1
```

c1 = Round(c1*100)/100

a2 = CDb1 (Textfield3.text)

b2 = CDb1 (Textfield4.text)

c2 = a2/b2

c2 = Round(c2*100)/100

Label11.text = Str(c1)

Label12.text = Str(c2)

If c1 > c2 then

Label1.text = "Evans' Index (latest scan) is " + Str(c1) + ", Evans' Index (previous scan) is " + Str(c2) +
"; suggestive of ventricular enlargement."

Elseif c1 < c2 then

Label1.text = "Evans' Index (latest scan) is " + Str(c1) + ", Evans' Index (previous scan) is " + Str(c2) +
"; suggestive of reduced ventricular size."

Elseif c1 = c2 then

Label1.text = "Evans' Index (latest scan) is " + Str(c1) + ", Evans' Index (previous scan) is " + Str(c2) +
"; suggestive that ventricular size has remained the same."

End If

Else

'If RadioGroup1.SelectedIndex = 0 then

If x=IsNumeric(Textfield1.text) or x=IsNumeric(Textfield2.text) or xx=0 then

MessageBox("Please complete all fields. Please enter numeric values above 0.")

End if

dim a1 as double

dim b1 as double

dim c1 as double

dim a2, b2, c2 as double

a1 = CDb1 (Textfield1.text)

b1 = CDb1 (Textfield2.text)

c1 = a1/b1

c1 = Round(c1*100)/100

Label11.text = Str(c1)

Label1.text = "Evans' Index is " + Str(c1) + "."

End if

End Sub

EvansIndexCalc Control Label2:

Sub Shown()

End Sub

EvansIndexCalc Control Label3:

EvansIndexCalc Control Label4:

EvansIndexCalc Control Label5:

EvansIndexCalc Control Label6:

EvansIndexCalc Control TextField3:

EvansIndexCalc Control TextField4:

EvansIndexCalc Control Label7:

EvansIndexCalc Control Label8:

EvansIndexCalc Control Label9:

EvansIndexCalc Control Label1:

EvansIndexCalc Control Label10:

EvansIndexCalc Control Label11:

EvansIndexCalc Control Label12:

EvansIndexCalc Control RadioGroup1:

```
Sub ValueChanged(button as WebRadioButton)
Attributes ( Deprecated = "SelectionChanged" )
Select Case Me.SelectedIndex
Case 0 // Row 1
    'MessageBox ("You clicked the top button.")

    Label9.Visible = False
    Label7.Visible = False
    Label8.Visible = False
    Label12.Visible = False
    Label13.Visible = False
    Textfield3.Visible = False
    Textfield4.Visible = False
    DatePicker2.visible=False

Case 1 // Row 2
    'MessageBox ("You clicked the bottom button.")

    Label9.Visible = True
    Label7.Visible = True
    Label8.Visible = True
    Label12.Visible = True
    Label13.Visible = True
    Textfield3.Visible = True
    Textfield4.Visible = True
    DatePicker2.visible=True

End Select
End Sub
```

```
Sub Shown()
    RadioGroup1.SelectedIndex = 0
End Sub
```

EvansIndexCalc Control Button2:

```
Sub Pressed()
    Textfield1.Text = ""
    Textfield2.Text = ""
```

```
Textfield3.Text = ""  
Textfield4.Text = ""  
Label1.Text = ""  
Label11.Text = ""  
Label12.Text = ""  
DatePicker1.value=nil  
DatePicker2.value=nil
```

End Sub

EvansIndexCalc Control ImageViewer1:

EvansIndexCalc Control Label14:

EvansIndexCalc Control Label15:

EvansIndexCalc Control Label16:

EvansIndexCalc Control Label17:

EvansIndexCalc Control Label18:

EvansIndexCalc Control Label19:

```
Sub Pressed()  
    menu.Show()  
    EvansIndexCalc.close()
```

End Sub

EvansIndexCalc Control DatePicker2:

EvansIndexCalc Control DatePicker1:

End Class EvansIndexCalc