

```
sParam = CStr(oEncounter.Handle) & U & CStr(oPatient.Handle) & U & CStr(ProvIEN) & U & IIf(Primary, "P", "S") & U & IIf(ForcePrimary, "1", "")
AddProvider = CallRPCStr("BGOVPRV SETVPRV", sParam)
```

End Function

```
Public Function AddPOV(ICDIEN As String, Narrative As String, Optional Onset As String) As String
    Dim sParam As String, sRpc As String
```

```
    If Not oEncounter.Prepare(ofNotLocked Or ofForceVisit Or ofValidateOnly) Then
        ShowError TX_NO_ACTIVE_VISIT, TC_NO_ACTIVE_VISIT
        AddPOV = "-1"
        Exit Function
    End If
```

```
    ' VPOV IEN [1] ^ Visit IEN [2] ^ ICD Code IEN [3] ^ Patient IEN [4] ^ Narrative [5] ^
    ' Stage [6] ^ Modifier [7] ^ Cause Dx [8] ^ First/Revisit [9] ^ Injury E-Code [10] ^
    ' Injury Place [11] ^ Primary/Secondary [12] ^ Injury Date [13] ^ Onset Date [14] ^
    ' Provider IEN [15]
```

```
    sParam = U & oEncounter.Handle & U & "`" & ICDIEN & U & oPatient.Handle & U _
        & Narrative & "^^^^^^^^" & Onset & U & oEncounter.Provider
    sRpc = CallRPCStr("BGOVPOV SET", sParam)
```

```
    If ErrorCode(sRpc) = 0 Then
        sRpc = AddProvider(oUser.Handle, True)
```

```
        If ErrorCode(sRpc) = 1098 Then
            If Confirm(Piece(sRpc, U, 2) & vbCrLf & "Are you the primary provider for this visit?", "Change
Primary Provider?") Then
                sRpc = AddProvider(oUser.Handle, True, True)
            Else
                sRpc = ""
            End If
        End If
    End If
```

```
    AddPOV = sRpc
End Function
```

```
Public Function DeletePOV(sVisitIEN As String, sPOVIEN As String, sICDIEN As String) As Boolean
    On Error GoTo errHandle
    Dim sRpc As String, b As Boolean
```

```
    DeletePOV = False
    If Not CheckSecurity Then Exit Function
    If Not Confirm("Are you sure you want to delete the purpose of visit?", "Remove POV?") Then Exit Fun
ction
    sRpc = CallRPCStr("BGOVPOV DEL", sPOVIEN)
    If ErrorCheck(sRpc) Then Exit Function
    DeletePOV = True
    DeletePatientEd sVisitIEN, sICDIEN
    Exit Function
```

```
errHandle:
    ErrorTrap MODULE_NAME, "DeletePOV"
End Function
```

```
Public Sub DeletePatientEd(VisitIEN As String, ICDIEN As String)
    On Error GoTo errHandle
```

```
    Dim sRpc As String, sPPrvIEN As String
    Dim sVPEDIEN As String, sPrvIEN As String
    Dim i As Integer, Count As Integer, s As String, v() As String
```

```
    sRpc = CallRPCList("BGOVPED GET", oPatient.Handle & U & VisitIEN)
    If sRpc = "" Or ErrorCheck(sRpc) Then Exit Sub
    v = Split(sRpc, vbCrLf)
    sPPrvIEN = Piece(CallRPCStr("BGOVPRV PRIPRV", VisitIEN), U)
    sPrvIEN = CStr(oUser.Handle)
```

```
    ' Topic Name [1] ^ Visit Date [2] ^ Level [3] ^ Provider Name [4] ^ Group/Individual [5] ^
    ' Length [6] ^ CPT [7] ^ Comment [8] ^ Topic Category [9] ^ Behavior [10] ^ Objective Met [11] ^
    ' Visit Locked [12] ^ Location Name [13] ^ VFile IEN [14] ^ Visit IEN [15] ^ Topic IEN [16] ^
    ' Location IEN [17] ^ Provider IEN [18] ^ Visit Category [19] ^ ICD9 [20] ^ Comments [21] ^
    ' ICD9 IEN [22] ^ CPT IEN [23]
```

modPCC - 3

```
' e.g.,  
' CONGESTIVE HRT FAILURE UNSPEC-ANATOMY AND PHYSIOLOGY^12/06/2006^GOOD^USER,POWER^Individual^5^^^ANA  
TOMY AND PHYSIOLOGY^GOAL MET^goal was met!^0^^21106^2020430^3262^^2779^A^CONGESTIVE HRT FAILURE UNSPEC  
^this is the goal set|goal was met!|^9061^
```

```
Count = 0  
s = vbCrLf
```

```
For i = 0 To UBound(v) - 1  
    If Piece(v(i), U, 22) = ICDIEN And (Piece(v(i), U, 18) = sPrvIEN Or sPPrvIEN = sPrvIEN) Then  
        Count = Count + 1  
        s = s & vbCrLf & "--> " & Piece(v(i), U)  
    Else  
        v(i) = ""  
    End If  
Next i
```

```
If Count = 0 Then Exit Sub
```

```
If Not Confirm("Do you also want to delete the following related education event" _  
    & IIf(Count = 1, "?", "s?") & s, "Remove Education Events?") Then Exit Sub
```

```
For i = 0 To UBound(v) - 1  
    If v(i) <> "" Then  
        sRpc = CallRPCStr("BGOVPED DEL", Piece(v(i), U, 14))  
        ErrorCheck sRpc  
    End If  
Next i
```

```
Exit Sub
```

```
errHandle:  
    ErrorTrap MODULE_NAME, "DeletePatientEd"  
End Sub
```

```
Public Function AddProblem(sICDIEN As String, sNarrative As String, Optional sOnset As String) As String  
ng
```

```
    On Error GoTo errHandle  
    Dim sParam As String, sRpc As String
```

```
If sOnset = "" Then sOnset = Piece(oSession.HostDateTime, " ")
```

```
' ICD IEN or Code [1] ^ Narrative [2] ^ Location IEN [3] ^ Date of Onset [4] ^ Class [5] ^  
' Status [6] ^ Patient IEN [7] ^ Problem IEN [8] ^ Problem # [9]
```

```
sParam = sICDIEN                ' ICD IEN  
sParam = sParam & U & sNarrative ' Narrative  
sParam = sParam & U & oSite.Handle ' Location IEN  
sParam = sParam & U & sOnset       ' Date of Onset  
sParam = sParam & U & ""          ' Class  
sParam = sParam & U & "A"         ' Status  
sParam = sParam & U & oPatient.Handle ' Patient IEN  
sParam = sParam & U & ""          ' Problem IEN  
sParam = sParam & U & ""          ' Problem #  
AddProblem = CallRPCStr("BGOPROB SET", sParam)  
Exit Function
```

```
errHandle:  
    ErrorTrap MODULE_NAME, "AddProblem"  
End Function
```

```
Public Sub ParseProblemID(ByVal Value As String, ByRef Prefix As String, ByRef ID As String)
```

```
' Parse a problem ID into its prefix and numeric id. Input format is one of  
' <prefix>-<id> or <id>
```

```
Dim s As String
```

```
s = Piece(Value, "-", 2)
```

```
If s = "" Then  
    ID = Value  
    Prefix = ""  
Else
```

```

    ID = s
    Prefix = Piece(Value, "-")
End If
End Sub

Public Function CompareProblemIDs(ByVal ID1 As String, ByVal ID2 As String) As Integer
    Dim Cmp As Integer, s1 As String, s2 As String, n1 As Double, n2 As Double

    ParseProblemID ID1, s1, ID1
    ParseProblemID ID2, s2, ID2
    Cmp = StrComp(s1, s2, vbTextCompare)

    If Cmp = 0 Then
        n1 = Val(ID1)
        n2 = Val(ID2)

        If n1 > n2 Then
            Cmp = 1
        ElseIf n2 > n1 Then
            Cmp = -1
        End If
    End If

    CompareProblemIDs = Cmp
End Function

Public Sub LoadModifiers(AComboBox As ComboBox, ByVal CPTCode As String, Optional ByVal RefDate As String)
    ' Load CPT modifiers for the specified code and reference date
    On Error GoTo errHandle
    Dim sRpc As String, s As String, v() As String, i As Integer

    With AComboBox
        .Clear

        If CPTCode <> "" Then
            sRpc = CallRPCStr("BGOVCPT GETMODS", CPTCode & U & RefDate)
            v = Split(sRpc, vbCrLf)

            ' Name ^ CPT Modifier Code ^ Modifier IEN

            For i = 0 To UBound(v) - 1
                s = v(i)

                .AddItem Piece(s, U)
                .ItemData(.NewIndex) = Val(Piece(s, U, 3))
            Next i
        End If

        .AddItem "", 0
        .ListIndex = 0
    End With

    Exit Sub

errHandle:
    ErrorTrap MODULE_NAME, "LoadModifiers"
End Sub

```