```vb
1   Imports System.Data.SqlClient
2
3   Public Class MetodosAreas_Medicas
4       'Lista la tabla areas medicas
5       Public Shared Function ListarAreas() As DataTable
6
7           Using CN As New SqlConnection(My.Settings.Conexion)
8               Using DA As New SqlDataAdapter("ListarAreasM", CN)
9                   Using tabla As New DataTable
10                      DA.Fill(tabla)
11
12                      Return tabla
13                  End Using
14              End Using
15          End Using
16      End Function
17      'Busqueda de area por Id
18      Public Shared Function BuscarAreas(id As Integer) As DataTable
19
20          Using CN As New SqlConnection(My.Settings.Conexion)
21              Using CMD As New SqlCommand("BuscarId_Area", CN)
22                  CMD.CommandType = CommandType.StoredProcedure
23                  CMD.Parameters.AddWithValue("@codigo", id)
24
25                  Using DA As New SqlDataAdapter(CMD)
26                      Using tabla As New DataTable
27                          DA.Fill(tabla)
28
29                          Return tabla
30                      End Using
31                  End Using
32              End Using
33          End Using
34      End Function
35      'Procedimiento para insertar datos
36      Public Shared Sub InsertarAreas(id As Integer, nom As String)
37          Using CN As New SqlConnection(My.Settings.Conexion)
38              Using CMD As New SqlCommand("Insertar_AreasMedicas", CN)
39                  CMD.CommandType = CommandType.StoredProcedure
40                  CMD.Parameters.AddWithValue("@Id", id)
41                  CMD.Parameters.AddWithValue("@nombre", nom)
42
43                  CN.Open()
44                  CMD.ExecuteNonQuery()
45
46              End Using
47          End Using
48      End Sub
49      'Procedimiento para actualizar tabla
```

```vb
50          Public Shared Sub ActualizarAreas(id As Integer, nom As String)
51              Using CN As New SqlConnection(My.Settings.Conexion)
52                  Using CMD As New SqlCommand("Actualizar_AreasMedicas", CN)
53                      CMD.CommandType = CommandType.StoredProcedure
54                      CMD.Parameters.AddWithValue("@nombre", nom)
55                      CMD.Parameters.AddWithValue("@Id", id)
56                      CN.Open()
57                      CMD.ExecuteNonQuery()
58                  End Using
59              End Using
60          End Sub
61          'Procemiento para eliminar un registro
62          Public Shared Sub EliminarAreas(id As Integer)
63              Using CN As New SqlConnection(My.Settings.Conexion)
64                  Using CMD As New SqlCommand("Eliminar_AreasMedicas", CN)
65                      CMD.CommandType = CommandType.StoredProcedure
66                      CMD.Parameters.AddWithValue("@Id", id)
67                      CN.Open()
68                      CMD.ExecuteNonQuery()
69
70                  End Using
71              End Using
72          End Sub
73  End Class
74
```