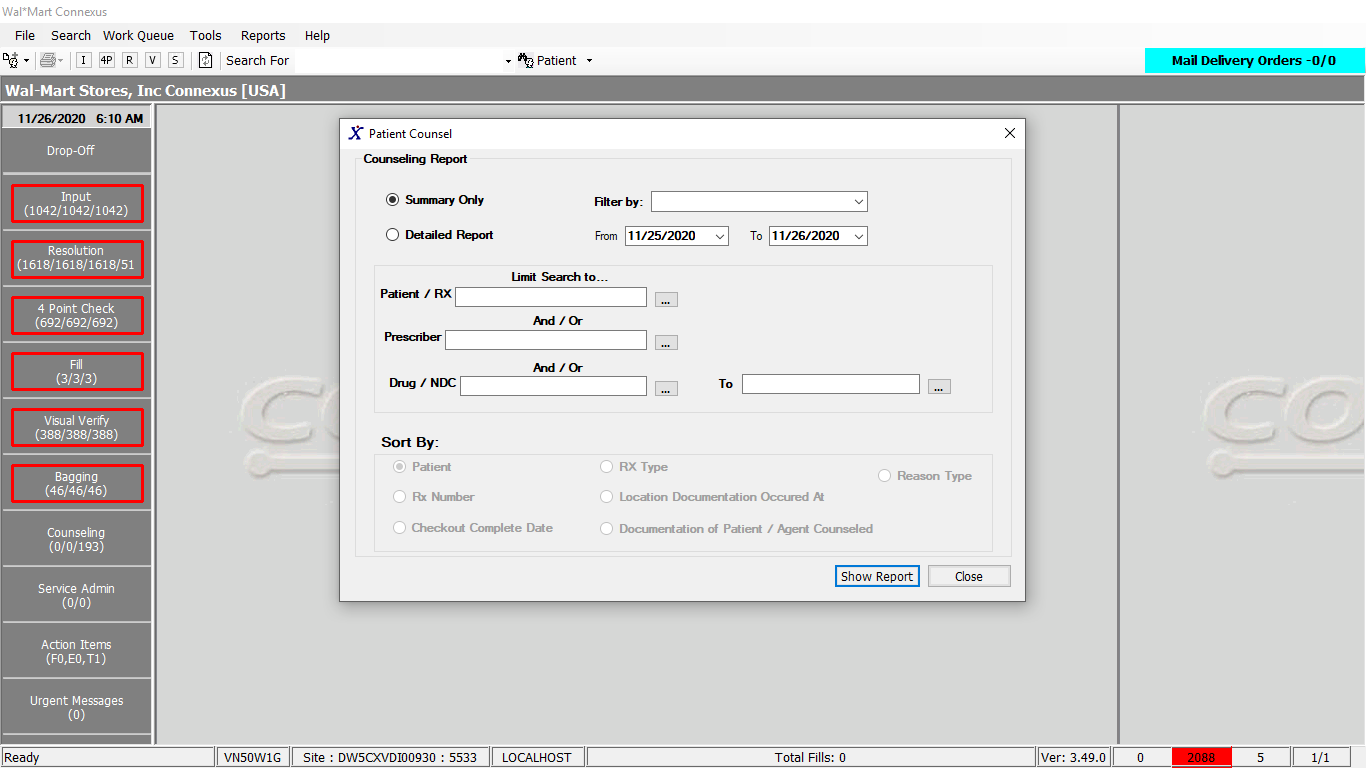
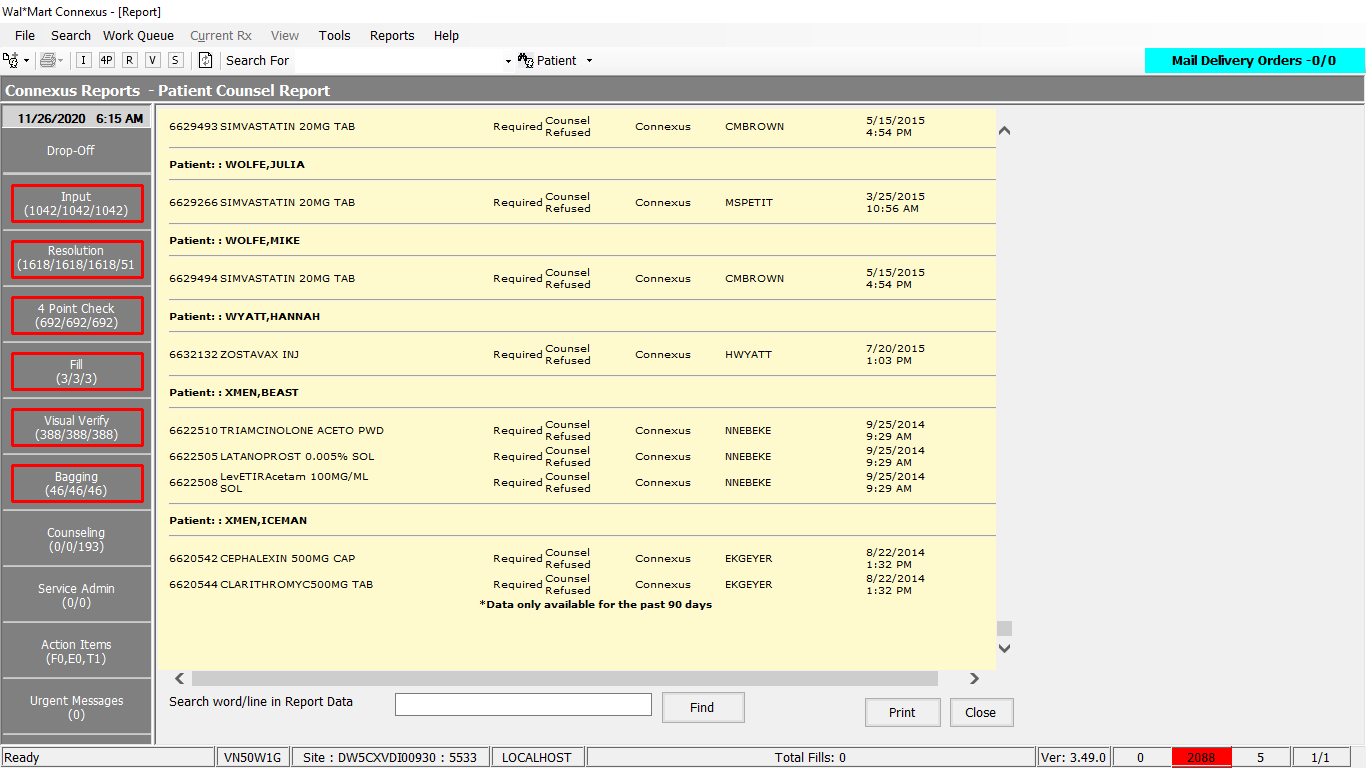
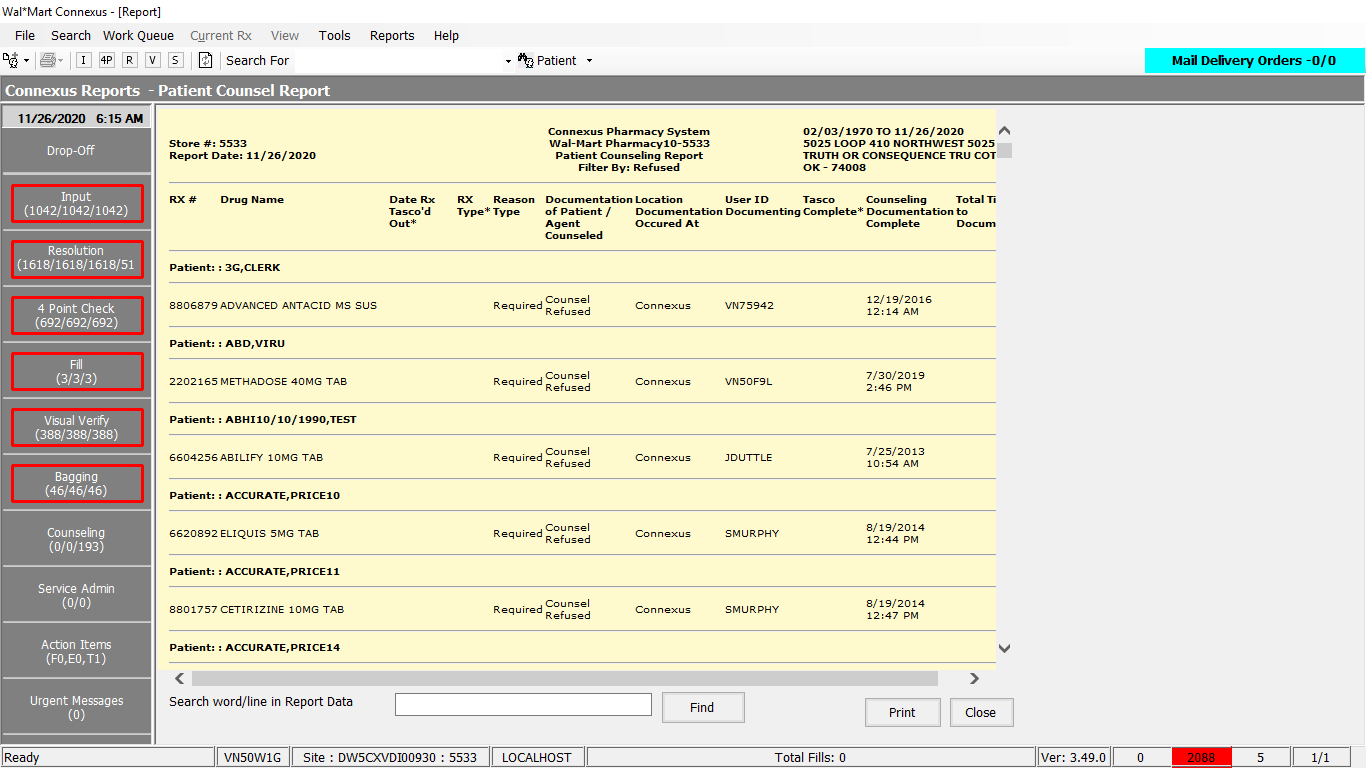
## Reports Menu/Print Images/Pharmacist Report/Counseling Report:

Request:

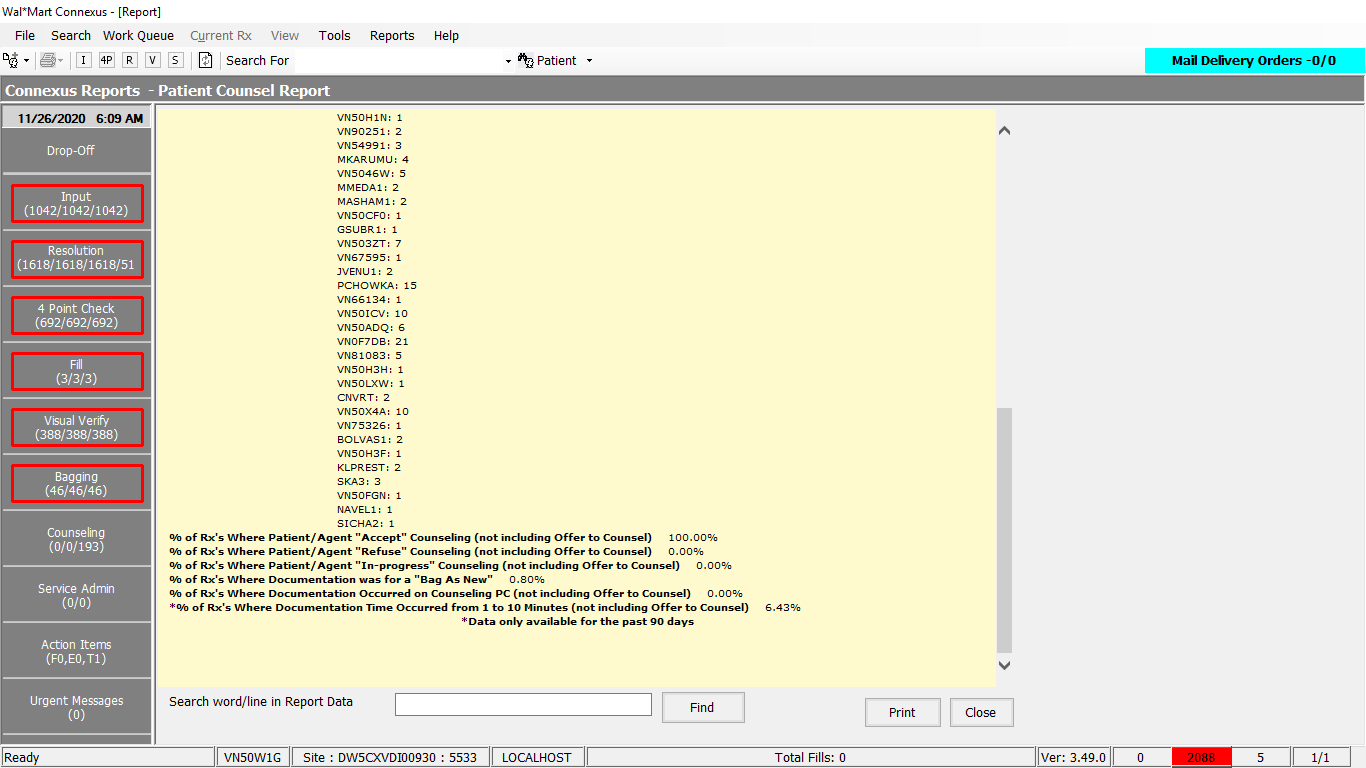
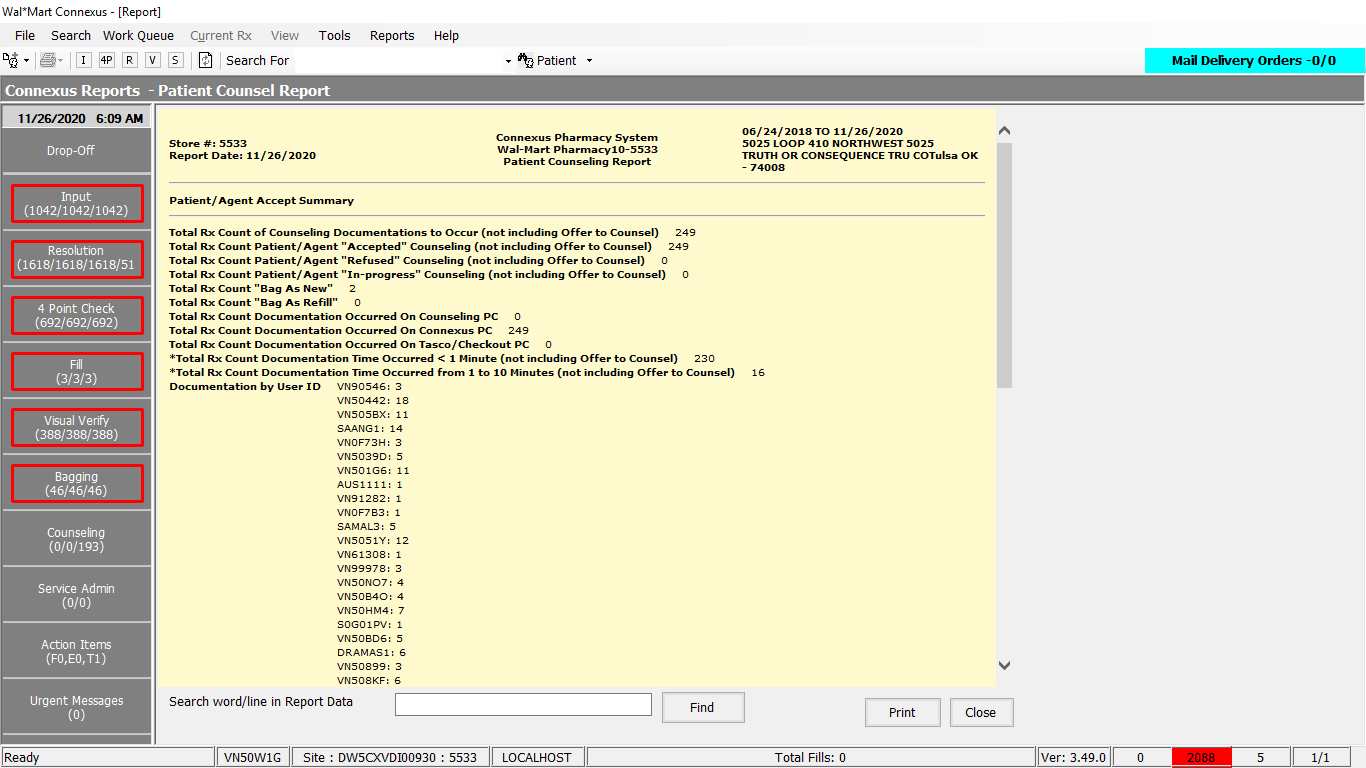


Response:

Detailed Report:



Summary Report:



Queries:

1.

Friend Const GetCounselDataSELECT As String = "SELECT rx.rx\_id, rf.rx\_fill\_id, rx.rx\_version\_seq\_nbr, rx.rx\_nbr RxNumber, " &

"rf.fill\_type\_code,pa.patient\_id, rfa2.activity\_ts counseltime, rfa2.activity\_userid, " &

"CASE WHEN rx.compound\_ind ='Y' " &

"THEN c.compound\_name " &

"WHEN rx.compound\_ind !='Y' " &

"THEN pp.short\_name " &

"END drug\_name, " &

"rxod.request\_type\_code, pct.code\_desc, " &

"TRIM(NVL(pa.last\_name,'')) || ',' || TRIM(NVL(pa.first\_name,'')) || ' ' || " &

"TRIM(NVL(pa.middle\_name,'')) PatientName, rf.pos\_ts soldtime, " &

"rxod.actual\_pickup\_ts tascotime, " &

"CASE WHEN rfa1.activity\_code IN (32731,32732,32733,32734,32735,32736,32737,32738,32739,32740,32741,32765) " &

"THEN 'Counsel Yes' " &

"WHEN rfa1.activity\_code IN (32742,32743,32744) " &

"THEN 'Counsel No' " &

"WHEN rfa2.activity\_code IN (32747,32746) " &

"THEN 'OfferToCounsel' " &

"WHEN rfa2.activity\_code IN (32622,1167) OR (rxod.next\_work\_que\_code = 3 AND (rf.pos\_ts < CURRENT OR rxod.actual\_pickup\_ts < CURRENT)) " &

"THEN 'Required' " &

"ELSE " &

" 'Not Required' " &

"END reason, " &

"CASE WHEN rfa2.activity\_code = 32747 " &

"THEN 'Offer Refused' " &

"WHEN rfa2.activity\_code = 32746 " &

"THEN 'Offer Accepted' " &

"WHEN rfa2.activity\_code = 1167 " &

"THEN 'Counsel Refused' " &

"WHEN rfa2.activity\_code = 32622 " &

"THEN 'Counsel Accepted' " &

"WHEN (rxod.next\_work\_que\_code = 3 AND (date(rf.pos\_ts) < TODAY OR date(rxod.actual\_pickup\_ts) < TODAY))" &

"THEN 'In Progress' " &

"WHEN (rxod.next\_work\_que\_code = 3 AND (date(rf.pos\_ts) = TODAY OR date(rxod.actual\_pickup\_ts) = TODAY))" &

"THEN 'Pending' " &

"ELSE " &

"'Not Required' " &

"END documentation, " &

"CASE WHEN rfa2.activity\_code IN (32622, 1167) " &

" THEN CASE WHEN ((SELECT COUNT(\*) FROM rx\_fill\_activity rfa5 WHERE " &

" rfa5.rx\_fill\_id = rfa2.rx\_fill\_id AND rfa5.activity\_code = 31007) > 0) " &

"THEN 'Counseling Station' " &

"ELSE 'Connexus' END " &

"WHEN rfa2.activity\_code IN (32746,32747) " &

"THEN 'TASCO' " &

"END location, " &

"rxod.next\_work\_que\_code WorkQue "

2. Friend Const GetCounselDataFROM As String = "FROM rx\_fill rf " &

" FULL OUTER JOIN rx\_fill\_activity rfa1 On (rf.rx\_fill\_id = rfa1.rx\_fill\_id " &

" And rfa1.activity\_ts BETWEEN ? And ? " &

" And rfa1.activity\_code In (32731,32732,32733,32734,32735,32736,32737,32738,32739,32740,32741,32765,32742,32743,32744) " &

" And rfa1.activity\_seq\_nbr In (Select MAX(activity\_seq\_nbr) " &

" FROM rx\_fill\_activity rfa3 " &

" WHERE rfa3.rx\_fill\_id = rf.rx\_fill\_id " &

" And rfa3.activity\_code In (32731,32732,32733,32734,32735,32736,32737,32738,32739,32740,32741,32765,32742,32743,32744)) " &

" ) " &

" FULL OUTER JOIN rx\_fill\_activity rfa2 On (rf.rx\_fill\_id = rfa2.rx\_fill\_id " &

" And rfa2.activity\_ts BETWEEN ? And ? " &

" And rfa2.activity\_code In (32622,1167,32746,32747) " &

" )" &

" INNER JOIN rx rx On rx.rx\_id = rf.rx\_id " &

" LEFT OUTER JOIN rx\_order\_detail rxod On rf.rx\_fill\_id = rxod.rx\_fill\_id " &

" LEFT OUTER JOIN pharmacy\_code\_txt pct On pct.code\_id = rxod.request\_type\_code " &

" INNER JOIN patient pa On pa.patient\_id = rx.patient\_id " &

" INNER JOIN rx\_fill\_item rfi On rf.rx\_fill\_id = rfi.rx\_fill\_id " &

" INNER JOIN pharmacy\_offering:pharmacy\_item pi ON pi.mds\_fam\_id = rfi.item\_mds\_fam\_id " &

" INNER JOIN pharmacy\_offering:pharmacy\_product pp ON pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id " &

" LEFT OUTER JOIN rx\_compound rxc ON rx.rx\_id = rxc.rx\_id " &

" LEFT OUTER JOIN compound c ON rxc.compound\_id = c.compound\_id "

3.Friend Const GetCounselDataWHERE As String = " WHERE rf.status\_code = 20401 " &

" AND ((rfa1.rx\_fill\_id IS NOT NULL OR rfa2.rx\_fill\_id IS NOT NULL) OR (rfa1.rx\_fill\_id IS NULL OR rfa2.rx\_fill\_id IS NULL) ) "

DAL:

Public Function GetCounselData(ByVal reportType As Integer, ByVal sortOption As String, ByVal siteId As Integer,

Optional ByVal rxNbr As Integer = 0,

Optional ByVal patientId As Integer = 0,

Optional ByVal startFillDate As DateTime = Nothing,

Optional ByVal endFillDate As DateTime = Nothing,

Optional ByVal drugNDCFrom As Integer = 0,

Optional ByVal drugNDCTo As Integer = 0,

Optional ByVal filterOptionCode As Integer = 0,

Optional ByVal prescriberId As Integer = 0) \_

As List(Of GetCounselDataInfoBE) Implements IReportDAL.GetCounselData

'Declare the method variables

Dim sqlString As New StringBuilder

Dim getCounselDataInfoBEList As New List(Of GetCounselDataInfoBE)

Dim paramList As New List(Of DbParameter)

'Start the method trace

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

sqlString.Append(ReportQueries.GetCounselDataSELECT)

sqlString.Append(ReportQueries.GetCounselDataFROM)

sqlString.Append(ReportQueries.GetCounselDataWHERE)

sqlString.Append(AddCounselFilterSQL(filterOptionCode))

paramList.Add(ParameterHelper.BuildParameter("activityTS", DbType.DateTime,

String.Format(CultureInfo.InvariantCulture,

"{0:yyyy-MM-dd 00:00:01}",

startFillDate)))

paramList.Add(ParameterHelper.BuildParameter("activityTS", DbType.DateTime,

String.Format(CultureInfo.InvariantCulture,

"{0:yyyy-MM-dd 23:59:59}",

endFillDate)))

'Added extra parameters to retrieve 1401 data in Counseling report

paramList.Add(ParameterHelper.BuildParameter("activityTS", DbType.DateTime,

String.Format(CultureInfo.InvariantCulture,

"{0:yyyy-MM-dd 00:00:01}",

startFillDate)))

paramList.Add(ParameterHelper.BuildParameter("activityTS", DbType.DateTime,

String.Format(CultureInfo.InvariantCulture,

"{0:yyyy-MM-dd 23:59:59}",

endFillDate)))

If rxNbr > 0 Then

sqlString.Append(" AND rx.rx\_nbr = ? ")

paramList.Add(ParameterHelper.BuildParameter("rxNbr", DbType.Int32, rxNbr))

End If

If patientId > 0 Then

sqlString.Append(" AND pa.patient\_id = ? ")

paramList.Add(ParameterHelper.BuildParameter("patientId", DbType.Int32, patientId))

End If

If drugNDCFrom > 0 Then

'check if it's a range

If drugNDCTo > 0 Then

sqlString.Append(" AND pp.product\_mds\_fam\_id >= ? ")

paramList.Add(ParameterHelper.BuildParameter("drugFrom", DbType.Int32, drugNDCFrom))

sqlString.Append(" AND pp.product\_mds\_fam\_id <= ? ")

paramList.Add(ParameterHelper.BuildParameter("drugTo", DbType.Int32, drugNDCTo))

Else

'nope, not a range

sqlString.Append(" AND pp.product\_mds\_fam\_id = ? ")

paramList.Add(ParameterHelper.BuildParameter("drugFrom", DbType.Int32, drugNDCFrom))

End If

End If

If prescriberId > 0 Then

sqlString.Append(" AND rx.prescriber\_id = ? ")

paramList.Add(ParameterHelper.BuildParameter("prescriberId", DbType.Int32, prescriberId))

End If

sqlString.Append(" AND pos\_ts BETWEEN ? AND ? ")

paramList.Add(ParameterHelper.BuildParameter("PosTS", DbType.DateTime,

String.Format(CultureInfo.InvariantCulture,

"{0:yyyy-MM-dd 00:00:01}",

startFillDate)))

paramList.Add(ParameterHelper.BuildParameter("PosTS", DbType.DateTime,

String.Format(CultureInfo.InvariantCulture,

"{0:yyyy-MM-dd 23:59:59}",

endFillDate)))

sqlString.Append(" UNION ALL ")

sqlString.Append(ReportQueries.GetCounselDataSELECT)

sqlString.Append(ReportQueries.GetCounselDataFROM)

sqlString.Append(ReportQueries.GetCounselDataWHERE)

sqlString.Append(AddCounselFilterSQL(filterOptionCode))

paramList.Add(ParameterHelper.BuildParameter("activityTS", DbType.DateTime,

String.Format(CultureInfo.InvariantCulture,

"{0:yyyy-MM-dd 00:00:01}",

startFillDate)))

paramList.Add(ParameterHelper.BuildParameter("activityTS", DbType.DateTime,

String.Format(CultureInfo.InvariantCulture,

"{0:yyyy-MM-dd 23:59:59}",

endFillDate)))

'Added extra parameters to retrieve 1401 data in Counseling report

paramList.Add(ParameterHelper.BuildParameter("activityTS", DbType.DateTime,

String.Format(CultureInfo.InvariantCulture,

"{0:yyyy-MM-dd 00:00:01}",

startFillDate)))

paramList.Add(ParameterHelper.BuildParameter("activityTS", DbType.DateTime,

String.Format(CultureInfo.InvariantCulture,

"{0:yyyy-MM-dd 23:59:59}",

endFillDate)))

If rxNbr > 0 Then

sqlString.Append(" AND rx.rx\_nbr = ? ")

paramList.Add(ParameterHelper.BuildParameter("rxNbr", DbType.Int32, rxNbr))

End If

If patientId > 0 Then

sqlString.Append(" AND pa.patient\_id = ? ")

paramList.Add(ParameterHelper.BuildParameter("patientId", DbType.Int32, patientId))

End If

If drugNDCFrom > 0 Then

'check if it's a range

If drugNDCTo > 0 Then

sqlString.Append(" AND pp.product\_mds\_fam\_id >= ? ")

paramList.Add(ParameterHelper.BuildParameter("drugFrom", DbType.Int32, drugNDCFrom))

sqlString.Append(" AND pp.product\_mds\_fam\_id <= ? ")

paramList.Add(ParameterHelper.BuildParameter("drugTo", DbType.Int32, drugNDCTo))

Else

'nope, not a range

sqlString.Append(" AND pp.product\_mds\_fam\_id = ? ")

paramList.Add(ParameterHelper.BuildParameter("drugFrom", DbType.Int32, drugNDCFrom))

End If

End If

If prescriberId > 0 Then

sqlString.Append(" AND rx.prescriber\_id = ? ")

paramList.Add(ParameterHelper.BuildParameter("prescriberId", DbType.Int32, prescriberId))

End If

sqlString.Append(" AND (rxod.next\_work\_que\_code in (3,15) AND pos\_ts IS NULL AND rxod.actual\_pickup\_ts ")

sqlString.Append("BETWEEN ? AND ? ) ")

paramList.Add(ParameterHelper.BuildParameter("PickupTS", DbType.DateTime,

String.Format(CultureInfo.InvariantCulture,

"{0:yyyy-MM-dd 00:00:01}",

startFillDate)))

paramList.Add(ParameterHelper.BuildParameter("PickupTS", DbType.DateTime,

String.Format(CultureInfo.InvariantCulture,

"{0:yyyy-MM-dd 23:59:59}",

endFillDate)))

Dim counselDataReader As IDataReader

sqlString.Append(" ORDER BY " & sortOption)

Dim str As String = sqlString.ToString()

counselDataReader = ExecuteReader(DatabaseEnum.rx21c,

siteId, sqlString.ToString,

paramList)

getCounselDataInfoBEList = PopulateCounselDEList(counselDataReader, sortOption)

'return the BEList

If getCounselDataInfoBEList.Count > 0 Then

Return getCounselDataInfoBEList

Else

Return Nothing

End If

End Using

End Function

Public Function AddCounselFilterSQL(ByVal sender As Integer) As String Implements IReportDAL.AddCounselFilterSQL

Dim sb As New StringBuilder

Select Case sender

'Modified the query to get the data in counseling report even though the data is purged in rx\_order\_detail table

Case ServicesCommonConstants.CnlsAccept

' Accepted

sb.Append("AND rfa2.activity\_code = 32622 ")

Case ServicesCommonConstants.CnlsRefuse

' Refused

sb.Append("AND rfa2.activity\_code = 1167 ")

Case ServicesCommonConstants.CnlsOffer

'Offer to Counsel

sb.Append("AND rfa2.activity\_code IN (32746,32747) ")

Case ServicesCommonConstants.CnlsRequired

'Required

sb.Append("AND ((rfa2.activity\_code IN (32622,1167) " &

"AND rfa2.activity\_code NOT IN (32746,32747)) " &

" OR rfa2.activity\_code IS NULL) " &

"AND 0 = (SELECT COUNT(activity\_code) FROM rx\_fill\_activity WHERE rx\_fill\_id = rf.rx\_fill\_id AND activity\_code IN (32731,32732,32733,32734,32735,32736,32737,32738,32739,32740,32741,32765,32742,32743,32744)) ")

Case ServicesCommonConstants.CnlsYes, ServicesCommonConstants.CnlsBagAsNew

'Counsel Yes

'32731 - Adherence - Over Utilization

'32732 - Adherence - Under Utilization

'32733 - Assess Proper Patient Use

'32734 - Change - NDC, Color, Quantity

'32735 - Change in Therapy

'32736 - Dosing

'32737 - Drug - Disease

'32738 - Duplicate Therapy

'32739 - Interaction(s)

'32740 - Possible Adverse Effects

'32741 - Other

'32765 - No Disease/Allergy Info On File

sb.Append("AND rfa1.activity\_seq\_nbr = (SELECT MAX (activity\_seq\_nbr) FROM rx\_fill\_activity WHERE rx\_fill\_id = rfa2.rx\_fill\_id " &

" AND activity\_code IN (32731,32732,32733,32734,32735,32736,32737,32738,32739,32740,32741,32765)) ")

Case ServicesCommonConstants.CnlsNo, ServicesCommonConstants.CnlsBagAsRefill

'Counsel No

'32742 - No Change in Therapy

'32743 - Mail Out / Delivery Prescription

'32744 - Nursing Home Patient

sb.Append(" AND rfa1.activity\_code IN (32742,32743,32744) ")

Case ServicesCommonConstants.CnlsInProgress

'In Progress

sb.Append("AND rfa2.activity\_code Is Null " &

"AND rxod.next\_work\_que\_code = 3 AND (date(rf.pos\_ts) < TODAY OR date(rxod.actual\_pickup\_ts) < TODAY)")

Case ServicesCommonConstants.CnlsIncludeAll

Case Else

' Oi! This is bad.

End Select

Return sb.ToString()

End Function