Test Number:	Test Name:
1	Reconciliation of Financials

Function/Purpose:
Ensure interfaced data for HCC-PRS reconciles to source data on a daily basis for charges, payments, and adjustments and counts.

Responsible Area:
Financial Services

Script: (attach test data matrix if needed)
1. Start running the HCC-PRS Daily Processes using the files Rick produced with Group 5 data in TEST environment. Start with first date in early June. Keep these running while continuing with following steps.
2. Copy the HCC-PRS reconciliation spreadsheet already used to reconcile the Daily Process and rename it for PTC Testing.
3. Type in the figures from the MTDS Group 5 control reports, adding them to the Group 3&4 control figures that already show up (where they're not up-to-date, add all Groups).
4. As each day of IDX data finishes interfacing, add these figures from the ECD_VERP, EPD_VERP, and ETD_VERP, PURGVECD, PURGVEPD, PURGVETD steps in the Daily Process. Select Output for each of these in HCC Client's View Jobs window, and copy these into the reconciliation spreadsheet.
5. Capture Closed Batch Summary figures from IDX, according to instructions in recon spreadsheet for all testing dates.
6. Copy in all figures from Data Xfer Log in HCC Client (or do a query on Test environment's PBS.Interface_Processed table).
7. Ensure HCC interfaced data reconciles to all control reports.

Expected Results:
All interfaced data is expected to reconcile to the control reports (MTDS and IDX Closed Batch Summaries).

Actual Results: (attach screen prints, reports, ad hoc queries, and notes):

Data reconciled covered dates of data May 31, 2006 through August 11, 2006 for groups 3, 4 and 5. Scope entailed reconciling daily hard copy IDX MTDS printed totals, HCC data transfer log totals, IP00 flat file totals, VERP totals, PURGE totals, and IDX batch summary screen totals.

All days reconciled except for data dates May 31 and June 02. The variance is NOT due to group 5 transactions, but to groups 3/4. The variance occurs in the IP05 and IP06 totals, in groups 3 and 4 transactions (group 5 did not have any payment or adjustment transactions prior to June 8). Given the IP05 and IP06 files submitted for loading into HCC test would not have contained group 5 data, the test IP05 and IP06 file should match to the production IP05 and IP06 files;and the test IP05 and IP06 data transfer log totals should match production data transfer totals. However: (1) the May 31st data date IP05 production data transfer log shows 673 more records than test; (2) the May 31st data date IP06 production data transfer log shows 175 more records than test; (3) the June 2nd data date IP05 production data transfer log shows 214 more records than test; (4) the June 2nd data date IP06 production data transfer log shows 202 more records

than test. A direct comparison to identify which records included in the production data transfer log record count totals that are missing from the test IP05 and IP06 files could not be completed due to the IP05 and IP06 June 2006 production files missing from the backup directory. A restore has been requested.

Given the variances are NOT attributed to Group 5 activity and initial research indicates there appears to have been an error with some records missing (possibly "dropping" from the original production group 3 and 4 IP05 and IP06 files in being re-generated for copy over to test), the group 5 data appears to be "interfacing" correctly with no adverse effects to the group 3 and 4 data.

R:\HCC\Proton Therapy Center Interface Testing\PTC Reconciliation.xls

Executed By: <u>Marie Coleman</u>	**Date 08/24/2006**
Reviewed By: _____	**Date ___/___/___**

| **Test Number:** | **Test Name:** |
| 2 | Data Validation against source |

Function/Purpose:
Ensure that all data (not already checked in reconciliation) matches source data in IDX.

Responsible Area:
Financial Services

Script: (attach test data matrix if needed)
Select a sample of 30 encounters and check the following fields interfaced into HCC tables against source IDX data.
1. Ensure Billing Area and Division are coming in to their respective fields in ECD (e.g. Dept, HCPCS_Code).
2. Ensure PRS Code and CPT Code are coming in correctly in ECD.
3. Ensure Modifiers are coming in correctly in EPR and ECD.
4. Ensure EPD & ETD's Transaction Code and Procedure Code are coming in correctly (esp. CPT Code (Procedure_Code)).
5. Check IP85 Charge_Master PTC data. Corroborate against Rich Thompson's Physician Fee Schedule.
6. Ensure Group 3 & 4 data is not left out when Group 5 is included.
7.

Expected Results:
See above.

Actual Results: (attach screen prints, reports, ad hoc queries, and notes):

Per review of a sample of 30 encounters with a service date on one of the following dates - June 1,7,12,14,17 or July 6th, July 14th, the following comments are noted:
- Billing area and Division from IDX coincide with the data in HCC and are populating the appropriate fields in HCC
- PRS Code and CPT Code from IDX coincide with the data in HCC and are populating the appropriate fields in HCC
- The Modifiers within IDX coincide with the data in HCC and are populating the appropriate fields in HCC
- The PRS Code and Cpt4 Code within IDX coincide with the ECD.Charge Code and ECD.Cpt4 Code in HCC and are populating the appropriate fields in HCC
-

| **Executed By: Marie Coleman** | **Date 08 / 24 / 06** |
| **Reviewed By: _____** | **Date ___/___/___** |

Test Number:	Test Name:
3	Data Integrity against other interfaced data fields

Function/Purpose:

Ensure that all data (not already checked in reconciliation) is consistent with the other data fields interfaced from IDX.

Responsible Area:

Financial Services

Script: (attach test data matrix if needed)
1. Ensure Group 5 concurs with Place of Service '99' in PE table.
2. Ensure Billing Area and Division have consistent values.

Expected Results:
1. All Group 5 enc's should have a PE.Spare8 value of "5" and PE.Patient_Type value of "99".
2. a. In Group 3: Division 620 used with Billing Area 695; Division 920 used with Billing Area 943;
b. in Group 5: Division 400 used with Billing Area 4009).

Actual Results: (attach screen prints, reports, ad hoc queries, and notes):

Per review of a sample of 30 encounters with a service date on one of the following dates - June 1,7,12,14,17 or July 6th, July 14th, the following comments are noted:

- All Group 5 encounters had a place of service (patient type) of "99."

Per additional testing on August 23, there were three instances of group 5 encounters with a place of service of "22."

Enc	Pt No.	Svc Date	Spare 8	Pt Type	Dept	Div	Tot Chg
20619 636	245610	06/07/20 06	5	22	10910	DEF910	
20684 487	245610	6/20/200 6	5	22	10910	DEF910	0
20684 502	681311	6/20/200 6	5	22	10910	DEF910	0

Per a query on August 24th, there was just 1 group 3 encounter that had a billing area of 695. The service date for this encounter is July 27, 2006.
All Group 5 encounters had a division of 400 and a billing area of 4009.

Executed By: _Lacarrda Williams | **Date ___/___/___**

Reviewed By: _____ | **Date ___/___/___**

Test Number:	Test Name:
4	Query Validation

Function/Purpose:
Ensure that PTC data can be successfully extracted from HCC using Group Number.

Responsible Area:
Financial Services

Script: (attach test data matrix if needed)
1. Query patient encounter table with a criteria limit of Spare8 = 5
2. Query xxxx table with a criteria limit of ?place of service? = 99
3. Query xxxx table with a criteria limit of ?billing area? (substr on field xxx) = 4009
4. Query xxxx table with a criteria limit of ?division? (substr on field xxx) = 400

Expected Results:
Retrieve encounters meeting the above criteria

Actual Results: (attach screen prints, reports, ad hoc queries, and notes):

All HCC Queries extracted the desired information.

Executed By: _Lacarrda Williams	**Date _08__/_24__/_06__**
Reviewed By: _____	**Date ___/___/___**

Test Number: 5	Test Name: IP40 General Ledger

Function/Purpose:
Ensure that PTC expenses are captured in the GL Expense file.

Responsible Area:
Financial Services

Script: (attach test data matrix if needed)
 1. Check with Linda Atzil to ensure PTC expenses are included in the file and interfacing appropriately.
 2. Check against source data system through Smart Stream to ensure all expenses are captured.

Expected Results:

Actual Results: (attach screen prints, reports, ad hoc queries, and notes):
1. Linda showed a list of CBC's for PTC from the latest IP40 that had been interfaced (May 2006, the first month of PTC revenue). Linda added that PTC expenses were even interfaced in FY05. So there is a high degree of confidence on Linda's part that we are getting all the PTC expenses.
2. Due to a time constraint, Linda was unable to check the source system. Since this test does not impact daily processing and we know that PTC data is functionally loading correctly (albeit the data itself was not checked against the source system for accuracy and completeness), it will be checked more fully by Linda later. Linda is the sole user of the data for cost accounting.

Executed By: _ **Marie Coleman** _____	**Date 08/24/06**
Reviewed By: _____	**Date ___/___/___**

Test Number:	Test Name:
7	IP85 Charge Master

Function/Purpose:
Ensure that all PTC charge codes are captured in the IP85 Charge Master file.

Responsible Area:
Financial Services

Script: (attach test data matrix if needed)
    1. Request a new IP85 from Rick Simper (PBS) that will include Group 3, 4 & 5 for all combinations of PRS code and billing area in IDX.
    2. Load the IP85 into HCC.
    3. Compare the PBS.Charge_Master table to Rich Thompson's CDM for PTC. Make sure all charge codes in Rich's CDM are found in the newly updated PBS.Charge_Master table.

Expected Results:

Actual Results: (attach screen prints, reports, ad hoc queries, and notes):
    1. Rick provided file ip85.aug16. There was a concern that the size of this file was about 200 times larger than old ip85's that had been provided by Rick. Although a multiplication effect occurs when you add new charge codes or billing areas (since all possible combinations are produced as records by Rick), Rick could not justify this magnitude of increase. However, since it presented no forseeable problem (since Rick was using the same method he always used in the past), I passed on further research.
    2. Loaded the ip85.aug16 into HCC.
    3. All codes were found. No PTC codes were missing from the PBS.Charge_Master.
R:\HCC\Proton Therapy Center Interface Testing\IP85_Testing.mdb

Executed By: ___Marie Coleman_____	**Date 08/24/06**
Reviewed By: _____	**Date ___/___/___**

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BATCH SUMMARY FOR CLOSING DATE 06/30/2006
------------------------------------------

BATCH TRXS ENT. DT.  DESC  CONT TOT  CHARGES PAYMENTS   ADJUST  TOTAL   STATUS

1138607100606/30/2006 TES BAR Extraction^2634
                             585240.50      0.00   5863.00579377.50   Closed
1138608 97006/30/2006 TES BAR Extraction^2634
                             910119.50      0.00   9858.00900261.50   Closed
                      _____

TOTALS                       3111861.54        705337.82
                                   915857.77        1490665.95

Press <CR> to continue or type 'STOP':
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BATCH SUMMARY FOR CLOSING DATE 07/03/2006
-----------------------------------------

BATCH TRXS ENT. DT.  DESC  CONT TOT  CHARGES PAYMENTS   ADJUST  TOTAL   STATUS

1138836101407/03/2006 TES BAR Extraction^2636
                                   640821.00    0.00  3986.00636835.00  Closed
1138837 11907/03/2006 TES BAR Extraction^2636
                                    33710.00    0.00     0.00 33710.00  Closed
1138838 34807/03/2006 Automated co-payments reallocation
                                        0.00    0.00     0.00     0.00  Closed
1138839203007/03/2006 Automated co-payments reallocation
                                        0.00    0.00     0.00     0.00  Closed
                       _____

TOTALS                        3009606.32       1144598.41
                                   647930.84        1217077.07

Press <CR> to continue or type 'STOP':
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