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| **Functionality**  **Patient Care Encounter**  **(PCE)**  **Quick Reference Card**      Department of Veterans Affairs  Software Service  Computerized Patient Record System Product Line PCE Workflow **1** A provider has a patient encounter (appointment, walk-in, telephone call, etc.  Materials available to provider:  *Health Summary* with new components summarizing previous encounters, and a health reminders component based on PCE data  *Encounter Form* (hard copy or workstation) with pre-defined terminology for the provider’s clinic/service type  *Other* **V***IST***A** *reports*⎯PCE Clinical Reports, Action Profile, Daily Order Summary, Lab Interim report, etc.  **2.** The provider documents the encounter (hard copy or online). Types of data collected and stored in PCE:  *Providers*  *Diagnoses*  *CPT procedures provided*  *Immunizations (CPT-mappable)*  *Skin tests (CPT-mappable)*  *Patient education*  *Exams (non-CPT-mappable)*  *Treatments (non-CPT-mappable)*  **3.** Information from a hard copy encounter form is entered into **V***IST***A** by a data entry clerk or scanned via an interface utility.  **4.** Encounter form data that isn’t scanned or is scanned incorrectly can be entered or edited through the PCE data entry program.  **5.** Nurses and other providers can enter immunizations, patient education, or other pieces of clinical information through PCE.  **6.** The provider can view items entered into PCE on a Health Summary or customized report. If items such as health factors, immunizations, or patient education have been set up for clinical reminders, these reminders will appear on the patient's health summary.  Version 1.0 of PCE provides options that allow:   1. Collection and management of outpatient encounter data 2. Presentation of outpatient encounter data through Health Summary components and Clinical Reports. 3. Capture of outpatient encounter data through interactive and non-interactive interfaces.   *Interactive interfaces*   1. Online data capture using a user interface developed with List Manager tools. 2. Online data capture in which Scheduling integrates with PCE to collect checkout information.   *Non-interactive interfaces*   1. PCE Device Interface, which supports the collection of encounter form data from scanners such as PANDAS, Pen-based Teleform, and Automated Information Collection System (AICS). The interface also supports workstation collection of outpatient encounter data. 2. PCE application programming interface (API) which supports the collection of outpatient encounter data from ancillary packages such as Laboratory, Radiology, Text Integration Utility (TIU), and Computerized Record Patient System (CPRS). |  |  |

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| **Adding Encounter Data**  *With the Update Encounter action you can add or edit encounter information, either through the Edit an Item or Delete an Item actions, or by choosing one of the other actions shown below.*  ***Steps to add an Immunization***  **1.** Select UE from the PCE Appointment List screen.  **2.** Select IM from the PCE Update Encounter screen.  **PCE Update Encounter** Nov 10, 1994 10:36:29 Page:1 of 1  PCEPATIENT,ONE 000456789 Clinic or Ward: ORTHOPEDICS  Encounter Date 11/07/94 08:00 Clinic Stop: ORTHOPEDICS  1 Encounter: 11/07/94 08:00  Encounter Type: X Appointment  **+ Next Screen - Prev Screen ?? More Actions**  ED Edit an Item TR Treatment DD Display Detail  DE Delete an Item IM Immunization DB Display Brief  EN Encounter PE Patient Ed IN Checkout Interview  PR Provider ST Skin Test SC Stop Code  DX Diagnosis (ICD 9) XA Exam QU Quit  CP CPT (Procedure) HF Health Factors  Select Action: Quit/// **IM** Immunization  **3.** Respond to the following prompts for the immunization, as appropriate.  Immunization: **POLIOMYELITIS**  SALK  Encounter Provider: PCEPROVIDER,ONE//**[RET]** PCEPROVIDER,ONE  Is this provider Primary or Secondary? P// **[RET]**  Series: **B**  Reaction: **[RET]**  Repeat Contraindicated: NO// **[RET]** NO (OK TO USE IN THE FUTURE)  Administered Date and (optional) Time:(4/21/96-5/22/96): **[RET]**  Comments: **[RET]**  Immunization: **[RET]**  **4.** The edited screen is then displayed. | **Clinical Reminders**  *The PCE Clinical Reminders functionality works in conjunction with Health Summary to provide providers with timely information about their patients' heatlh maintenance schedules. Providers can work with their local ADP coordinators to set up customized schedules based on local and national guidelines for patient education, immunizations, and other procedures.*  ***Example of Health Summary showing clinical reminders***    10/11/96 16:03 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*CONFIDENTIAL OUTPATIENT SUMMARY \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  PCEPATIENT,TWO 666-45-6789 SURG-ICU DOB: 10/03/50  ------------------------- DEM - Demographics -------------------  Address: HEARTATTACK & VINE Phone: 703-450-8010  LOS ANGELES, CA 23077 County: LOS ANGELES    Marital Status: NEVER MARRIED Age: 40  Religion: OTHER Sex: MALE  Period of Service: VIETNAM ERA  Branch of Service: MARINE CORPS 08/07/70 TO 04/15/75  Eligibility: SC LESS THAN 50% Status: VERIFIED  S/C %: 0  NOK: LEONARD & JEANNINE Relation: PARENTS  135 BLACKHAWK Phone: 314-820-1111  DINER, MISSOURI 63122  --------------------- CVP - Past Clinic Visits -----------------  10/09/96 08:45 BLUE-ORTHOPEDIC-JC  10/03/96 13:00 GREEN-DERMATOLOGY PM-JC  09/19/96 10:00 PSYCHOLOGY L KANTON PHD JC  ----- BLO - Brief Lab Orders (max 6 occurrences or 1 year) ------  Collection DT Test Name Specimen Urgency Status  09/25/96 GLUCOSE SERUM ROUTINE ORDERED  09/13/96 CHEM 7 SERUM ROUTINE COMPLETED  05/22/96 CBC BLOOD ROUTINE PROCESSING  --------------------- RXOP - Outpatient Pharmacy --------------------  Outpatient prescriptions are cancelled 72 hours after admission  Last Drug Rx # St Qty Issued Filled Rem  THEOPHYLLINE 200MG 5174091A A 90 10/04/95 10/04/96 (5)  T1.5T PO BID NH  TRIAMCINOLONE (AZMA 5174100A A 1 10/04/95 10/04/96 (5)  -----------------------CLINICAL REMINDERS ----------------------  LAST NEXT  CHOLESTEROL 4/12/96 DUE NOW  BLOOD PRESS 4/12/96 DUE NOW  SMOKING EDU 4/12/96 DUE NOW  \* END \* | **Clinical Reports**  *The PCE Clinical Reports options provide clinicians and managers with summary data about their patients, workload activity, and encounter counts.*  **PCE Clinical Reports Menu**  PP Patient Profile by Clinic  PA Patient Activity by Clinic  WL Workload by Clinic  DX Diagnoses Ranked by Frequency  CE Location Encounter Counts  PE Provider Encounter Counts  Aug 22, 1996 11:20:38 am Page 1  PCE Diagnosis Ranked by Frequency  Criteria for Frequency of Diagnoses Report  Encounter diagnoses: Primary Diagnoses )  Encounter date range: Jul 27, 1995 - May 22, 1996  Selected clinics: YES  Service categories: AHIT  Patient Ages.................ALL  Patient Sex..................ALL  Maximum number of diagnoses to be displayed: 10  Facility: SALT LAKE CITY 660  Clinic Stop: CARDIOLOGY (143)  Total number of Encounters meeting the selection criteria: 71  Total number of Diagnoses for these Encounters: 45  Diagnoses/Encounter ratio: 0.63  PCE Diagnosis Ranked by Frequency  10 Most Frequent ICD Diagnoses:  Code Description frequency  ------ ------------------------------ -------  1. 100.0 LEPTOSPIROS ICTEROHEM 6  2. 401.1 BENIGN HYPERTENSION 6  3. 100.81 LEPTOSPIRAL MENINGITIS 3  4. 342.01 FLAC HEMIPLEG & HEMIPAR, DOM. 2  5. 501. ASBESTOSIS 2  6. 142.0 MALIG NEO PAROTID 2  7. 429.3 CARDIOMEGALY 2  8. 100.89 LEPTOSPIRAL INFECT NEC 2  9. 701.0 CIRCUMSCRIBE SCLERODERMA 1  10. 500. COAL WORKERS' PNEUMOCON 1  10 Most Frequent Diagnostic Categories:  Diagnostic Category Count  ------------------------------ -------  1. CIRCULATORY SYSTEM 10  2. INFECTIOUS & PARASITIC 8  3. NERVOUS SYSTEM 8  4. MENTAL DISEASES & DISORDERS 4  5. SKIN,BREAST,SUBCUTANEOUS T 3  6. RESPIRATORY SYSTEM 3  7. MYELOPROLIFERATIVE,NEOPLASIA 2  8. DIGESTIVE SYSTEM 2  9. EAR, NOSE, MOUTH & THROAT 2  10. INJURY,POISONING,DRUG TOXICITY 1  Facility: SALT LAKE CITY 660  End of the report. |