|  |  |  |
| --- | --- | --- |
| **Gold** | **Local** | **Code (Red: Gold, Blue: Local, Black: Both)** |
| 1 |  | PSBMD ;BIRMINGHAM/EFC - BCMA MISSING DOSE FUNCTIONS ;11/15/12 2:54pm |
| 2 |  | ;;3.0;BAR CODE MED ADMIN;\*\*23,42,70\*\*;Mar 2004;Build 101 |
|  | 2 | ;;3.0;BAR CODE MED ADMIN;\*\*23,42,70\*\*;Mar 2004;Build 1 |
| 3 |  | ; |
| 4 |  | ; Reference/IA |
| 5 |  | ; ^DIC(42/10039 |
| 6 |  | ; ^DPT(/10035 |
| 7 |  | ; IN5^VADPT/10061 |
| 8 |  | ; DEM^VADPT/10061 |
| 9 |  | ; ^XMB/10070 |
| 10 |  | ; 52.6/436 |
| 11 |  | ; 52.7/437 |
| 12 |  | ; |
| 13 |  | ;\*70 - add new kernel variable for CO Missing Dose Printer. |
| 14 |  | ; use Clinc name if passed in for the new field Clinic or |
| 15 |  | ; assume Ward and get ien. |
| 16 |  | ; |
| 17 |  | RPC(RESULTS,PSBDFN,PSBDRUG,PSBDOSE,PSBRSN,PSBADMIN,PSBNEED,PSBUID,PSBON,PSBSCHD,PSBCLIN,PSBCLNIEN) ; |
| 18 |  | ; |
| 19 |  | ; RPC: PSB SUBMIT MISSING DOSE |
| 20 |  | ; |
| 21 |  | ; Description: |
| 22 |  | ; Allows the client to submit a missing dose interactively |
| 23 |  | ; |
| 24 |  | N DFN,PSBNOW,PSBFDA,PSBIENS,PSBMD,PSBMSG |
| 25 |  | S PSBCLNIEN=+$G(PSBCLNIEN) ;\*70 insure numeric |
| 26 |  | D NEW(.PSBMD) |
| 27 |  | I +PSBMD(0)<1 S RESULTS(0)="-1^Unable to create missing dose request" Q |
| 28 |  | S PSBIENS=+PSBMD(0)\_"," |
| 29 |  | D NOW^%DTC S PSBNOW=% |
| 30 |  | S PSBFDA(53.68,PSBIENS,.02)=PSBNOW |
| 31 |  | S PSBFDA(53.68,PSBIENS,.03)=DUZ |
| 32 |  | S PSBFDA(53.68,PSBIENS,.04)=DUZ(2) |
| 33 |  | S PSBFDA(53.68,PSBIENS,.11)=PSBDFN |
| 34 |  | ; Ward or Clinic - use Clinic name if passed, else get Ward ien. \*70 |
| 35 |  | I PSBCLIN]"" D |
| 36 |  | .S PSBFDA(53.68,PSBIENS,1)=PSBCLNIEN |
| 37 |  | E D |
| 38 |  | .S X=$G(^DPT(PSBDFN,.1)) |
| 39 |  | .I X]"" S X=$O(^DIC(42,"B",X,0)) S:X PSBFDA(53.68,PSBIENS,.12)=X |
| 40 |  | .S DFN=PSBDFN D IN5^VADPT S PSBFDA(53.68,PSBIENS,.18)=$P(VAIP(6),U,1) |
| 41 |  | S PSBFDA(53.68,PSBIENS,.13)=PSBDRUG |
| 42 |  | S PSBFDA(53.68,PSBIENS,.14)=PSBDOSE |
| 43 |  | S PSBFDA(53.68,PSBIENS,.15)=PSBRSN |
| 44 |  | S PSBFDA(53.68,PSBIENS,.16)=PSBADMIN |
| 45 |  | S PSBFDA(53.68,PSBIENS,.17)=PSBNEED |
| 46 |  | S PSBFDA(53.68,PSBIENS,.19)=PSBSCHD |
| 47 |  | S PSBFDA(53.68,PSBIENS,.25)=PSBUID |
| 48 |  | D FILE^DIE("","PSBFDA","PSBMSG") |
| 49 |  | L +^PSB(53.68,+PSBIENS):$S($G(DILOCKTM)>0:DILOCKTM,1:3) ; PSB\*3\*23 |
| 50 |  | I $G(PSBUID)'="" D |
| 51 |  | .D PSJ1^PSBVT(PSBDFN,PSBON) K PSBADA,PSBSOLA |
| 52 |  | .I '$D(PSBUIDA(PSBUID)) F D PSJ1^PSBVT(PSBDFN,PSBPONX) K PSBADA,PSBSOLA Q:$D(PSBUIDA(PSBUID)) Q:PSBPONX="" |
| 53 |  | .F I=1:1 S PSBAD=$P(PSBUIDA(PSBUID),U,I) Q:PSBAD="" I PSBAD["ADD" S PSBADA($P(PSBAD,";",2))="" |
| 54 |  | .I $D(PSBADA) S X="" F I=1:1 S X=$O(PSBADA(X)) Q:X="" S PSBFDA(53.686,I\_","\_PSBIENS,.01)=X,^PSB(53.68,+PSBIENS,.6,I,0)=I |
| 55 |  | .F I=1:1 S PSBSOL=$P(PSBUIDA(PSBUID),U,I) Q:PSBSOL="" I PSBSOL["SOL" S PSBSOLA($P(PSBSOL,";",2))="" |
| 56 |  | .I $D(PSBSOLA) S X="" F I=1:1 S X=$O(PSBSOLA(X)) Q:X="" S PSBFDA(53.687,I\_","\_PSBIENS,.01)=X,^PSB(53.68,+PSBIENS,.7,I,0)=I |
| 57 |  | I $G(PSBUID)="",$G(PSBDRUG)="" D |
| 58 |  | .D PSJ1^PSBVT(PSBDFN,PSBON) |
| 59 |  | .I $D(PSBADA) S X="" F I=1:1 S X=$O(PSBADA(X)) Q:X="" S PSBFDA(53.686,I\_","\_PSBIENS,.01)=$P(PSBADA(X),U,2),^PSB(53.68,+PSBIENS,.6,I,0)=X |
| 60 |  | .I $D(PSBSOLA) S X="" F I=1:1 S X=$O(PSBSOLA(X)) Q:X="" S PSBFDA(53.687,I\_","\_PSBIENS,.01)=$P(PSBSOLA(X),U,2),^PSB(53.68,+PSBIENS,.7,I,0)=X |
| 61 |  | D FILE^DIE("","PSBFDA","PSBMSG") |
| 62 |  | L -^PSB(53.68,+PSBIENS) ; PSB83\*23 |
| 63 |  | D SUBMIT(+PSBIENS) |
| 64 |  | S RESULTS(0)="1^Missing Dose Submitted^"\_+PSBIENS |
| 65 |  | D CLEAN^PSBVT |
| 66 |  | Q |
| 67 |  | ; |
| 68 |  | XQ ; Called via Kernel Menus |
| 69 |  | N PSBMD,PSBSAVE,DA,DIK,DR,DDSFILE,XMY,XMTEXT,XMSUB |
| 70 |  | D NEW(.PSBMD) |
| 71 |  | I +PSBMD(0)<1 W !,"Error: ",$P(PSBMD(0),U,2) S DIR(0)="E" D ^DIR Q |
| 72 |  | S DA=+PSBMD(0),DR="[PSB MISSING DOSE REQUEST]",DDSFILE=53.68 D ^DDS |
| 73 |  | W @IOF |
| 74 |  | I 'PSBSAVE W !,"Cancelling Request..." S DIK="^PSB(53.68," D ^DIK W "Cancelled!" |
| 75 |  | D:PSBSAVE SUBMIT(DA) |
| 76 |  | Q |
| 77 |  | ; |
| 78 |  | SUBMIT(DA) ; Submit Request to Pharmacy |
| 79 |  | N PSBWRD,PSBMG,PSBPRT,CLIEN |
| 80 |  | S PSBWRD=$P(^PSB(53.68,DA,.1),U,2) |
| 81 |  | S PSBWRD=+$G(^DIC(42,+PSBWRD,44)) |
| 82 |  | I PSBCLIN]"" S CLIEN=+$O(^PS(53.46,"B",PSBCLNIEN,"")) |
| 83 |  | ; |
| 84 |  | ; Get Mail Group |
| 85 |  | ; |
| 86 |  | S PSBMG=$$GET^XPAR(PSBWRD\_";SC(","PSB MG MISSING DOSE",,"E") |
| 87 |  | S:PSBMG="" PSBMG=$$GET^XPAR("DIV","PSB MG MISSING DOSE",,"E") |
| 88 |  | S $P(^PSB(53.68,DA,0),U,5)=PSBMG ; Add MG to notification |
| 89 |  | ; |
| 90 |  | ; Get Printer - If NO printer can be found, then DO NOT print!! |
| 91 |  | ;\*70 - get CO printer if Clinic orders, else IM med & get IM printer |
| 92 |  | ; IM printer uses Variable PSB PRINTER MISSING DOSE |
| 93 |  | ; CO printer can come from 3 sources: |
| 94 |  | ; 1st from Clinic Defintion file for the specific Clinic if defined |
| 95 |  | ; 2nd from the Variable PSB PRINTER CO MISSING DOSE if defined |
| 96 |  | ; 3rd just use the IM med printer Variable. |
| 97 |  | ; |
| 98 |  | D:PSBCLIN]"" ;\*70 |
| 99 |  | .S PSBPRT=$$GET1^DIQ(53.46,CLIEN,4) |
| 100 |  | .S:PSBPRT="" PSBPRT=$$GET^XPAR("DIV","PSB PRINTER CO MISSING DOSE",,"E") |
| 101 |  | .S:PSBPRT="" PSBPRT=$$GET^XPAR("DIV","PSB PRINTER MISSING DOSE",,"E") |
| 102 |  | D:PSBCLIN="" ;\*70 |
| 103 |  | .S PSBPRT=$$GET^XPAR(PSBWRD\_";SC(","PSB PRINTER MISSING DOSE",,"E") |
| 104 |  | .S:PSBPRT="" PSBPRT=$$GET^XPAR("DIV","PSB PRINTER MISSING DOSE",,"E") |
| 105 |  | ; |
| 106 |  | S $P(^PSB(53.68,DA,0),U,6)=PSBPRT ; Add MG to notification |
| 107 |  | ; |
| 108 |  | ; Send the report to the specified printer |
| 109 |  | ; |
| 110 |  | D:PSBPRT]"" |
| 111 |  | .W !,"Submitting Request To Pharmacy on device ",PSBPRT,"..." |
| 112 |  | .D NOW^%DTC |
| 113 |  | .S ZTIO=PSBPRT |
|  | 113 | .;S ZTIO=PSBPRT ;BRX/RCG commented out to allow spooling |
|  | 114 | .S:PSBPRT="CBOBBCMASPOOL" ^VA(200,DUZ,"SPL")="y^y^y" ;BRX/RCG Added to allowing spooling |
|  | 115 | .S %ZIS="Q",IOP="Q;"\_PSBPRT D ^%ZIS ;BRX/RCG Adding to allowing spooling |
|  | 116 | .;BRX/RCG End of cbob code 5/17/06. |
| 117 |  | .S ZTDTH=% |
| 118 |  | .S ZTDESC="BCMA - MISSING DOSE REQUEST" |
| 119 |  | .S ZTRTN="DQ^PSBMD("\_DA\_")" |
| 120 |  | .D ^%ZTLOAD |
| 121 |  | .W "Done!" |
| 122 |  | ; |
| 123 |  | ; Send the same stuff to the mail group |
| 124 |  | ; |
| 125 |  | D:PSBMG]"" |
| 126 |  | .W !,"Notifying Pharmacy via Mail Group ",PSBMG,"..." |
| 127 |  | .D HFSOPEN^PSBUTL("MISSING DOSE") |
| 128 |  | .U IO D DQ(DA,1) |
| 129 |  | .D HFSCLOSE^PSBUTL("MISSING DOSE") |
| 130 |  | .S XMY("G."\_PSBMG)="",XMTEXT="^TMP(""PSBO"",$J," |
| 131 |  | .S XMSUB="BCMA - Missing Dose Request" |
| 132 |  | .D ^XMD |
| 133 |  | .W "Done!" |
| 134 |  | Q |
| 135 |  | ; |
| 136 |  | DQ(PSBMD,PSBMM) ; Dequeue report from Taskman |
| 137 |  | N PSBFLD,PSBRET |
| 138 |  | Q:'$D(^PSB(53.68,PSBMD,0)) |
| 139 |  | L +^PSB(53.68,PSBMD):$S($G(DILOCKTM)>0:DILOCKTM,1:3) ; PSB\*3\*23 |
| 140 |  | S PSBCFLD=$P(^PSB(53.68,PSBMD,.1),U,3) |
| 141 |  | L -^PSB(53.68,PSBMD) ; PSB\*3\*23 |
| 142 |  | D:'$G(PSBMM) ; It is not a mail message |
| 143 |  | .W !,$TR($J("",75)," ","=") |
| 144 |  | .W !,"Report: MISSING DOSE REQUEST" |
| 145 |  | .W !,"Date Created: " D NOW^%DTC S Y=% D D^DIQ W Y |
| 146 |  | .W !,$TR($J("",75)," ","="),! |
| 147 |  | I $G(PSBCFLD)'="" F PSBFLD=.01,.02,.03,.04,.05,.06,.11,.12,.18,1,.13,.14,.19,.15,.16,.17 D OUT ;\*70 |
| 148 |  | I $G(PSBCFLD)="" F PSBFLD=.01,.02,.03,.04,.05,.06,.11,.12,.18,1,.25,.15,.19,.16,.17 D OUT ;\*70 |
| 149 |  | I $D(^PSB(53.68,PSBMD,.6)) S X=0 F S X=$O(^PSB(53.68,PSBMD,.6,X)) Q:'X W !?3,"ADDITIVE: ",$$GET1^DIQ(52.6,+^PSB(53.68,PSBMD,.6,X,0),.01) |
| 150 |  | I $D(^PSB(53.68,PSBMD,.7)) S X=0 F S X=$O(^PSB(53.68,PSBMD,.7,X)) Q:'X W !?3,"SOLUTION: ",$$GET1^DIQ(52.7,+^PSB(53.68,PSBMD,.7,X,0),.01) |
| 151 |  | Q |
| 152 |  | OUT ; |
| 153 |  | D FIELD^DID(53.68,PSBFLD,"","LABEL","PSBRET") |
| 154 |  | W !?3,PSBRET("LABEL"),":" F Q:$X>30 W "." |
| 155 |  | W $$GET1^DIQ(53.68,PSBMD\_",",PSBFLD) |
| 156 |  | I PSBFLD=.11 D |
| 157 |  | .N DFN,VA,VADM S DFN=$$GET1^DIQ(53.68,PSBMD\_",",.11,"I") D DEM^VADPT |
| 158 |  | .W !?3,$$GET^XPAR("ALL","PSB PATIENT ID LABEL") |
| 159 |  | .I $G(DUZ("AG"))="I" D |
| 160 |  | ..W ":" F Q:$X>30 W "." |
| 161 |  | .E D |
| 162 |  | ..W " (LAST 4 NUMBERS):" F Q:$X>30 W "." |
| 163 |  | .W VA("BID") |
| 164 |  | W:PSBFLD=.13 " ("\_$P($G(^PSB(53.68,PSBMD,.1)),U,3)\_")" |
| 165 |  | S ZTREQ="@" |
| 166 |  | Q |
| 167 |  | ; |
| 168 |  | NEW(RESULTS) ; Create a new missing dose request |
| 169 |  | ; Called interactively and via RPCBroker |
| 170 |  | N DIC |
| 171 |  | K RESULTS |
| 172 |  | I '+$G(DUZ) S RESULTS(0)="-1^Undefined User" Q |
| 173 |  | I '$G(DUZ(2)) S RESULTS(0)="-1^Undefined Division" Q |
| 174 |  | ; Lock Log |
| 175 |  | L +^PSB(53.68,0):$S($G(DILOCKTM)>0:DILOCKTM,1:3) |
| 176 |  | E S RESULTS(0)="-1^Request Log Locked" Q |
| 177 |  | ; Generate Unique Entry and Create |
| 178 |  | F D NOW^%DTC S X=$E(%\_"000000",1,14),X=(1700+$E(X,1,3))\_$E(X,4,14),X="MD-"\_$TR(X,".","-") Q:'$D(^PSB(53.68,"B",X)) |
| 179 |  | S DIC="^PSB(53.68,",DIC(0)="L" |
| 180 |  | S DIC("DR")=".02///N;.03////^S X=DUZ;.04////^S X=DUZ(2);.07///1" |
| 181 |  | K D0 ;VRN |
| 182 |  | D FILE^DICN |
| 183 |  | L -^PSB(53.68,0) |
| 184 |  | ; Okay, setup return and Boogie |
| 185 |  | I +Y<1 S RESULTS(0)="-1^Error Creating Request" |
| 186 |  | E S RESULTS(0)=Y |
| 187 |  | Q |
| 188 |  | ; |
| 189 |  | VAL(PSBFLDS) ; Validate that fields in PSBFLDS are filled in |
| 190 |  | N PSB,PSBFLD,PSBMSG |
| 191 |  | F PSB=1:1 Q:$P(PSBFLDS,";",PSB)="" S PSBFLD=$P(PSBFLDS,";",PSB),PSBFLD(PSBFLD)=$$GET^DDSVAL(53.68,DA,PSBFLD) |
| 192 |  | I $D(PSBFLD(.21)) K:PSBFLD(.21)="N" PSBFLD(.22),PSBFLD(.23) |
| 193 |  | S PSB="" F S PSB=$O(PSBFLD(PSB)) Q:PSB="" D:PSBFLD(PSB)="" |
| 194 |  | .I '$D(PSBMSG) S PSBMSG(0)="UNABLE TO FILE REQUEST",PSBMSG(1)=" ",PSBMSG(2)="ERROR: MISSING DATA - ALL FIELDS ARE REQUIRED" |
| 195 |  | .D FIELD^DID(53.68,PSB,"","TITLE;LABEL","PSB") |
| 196 |  | .S X=" Missing Field: "\_$S(PSB("TITLE")]"":PSB("TITLE"),1:PSB("LABEL")),PSBMSG($O(PSBMSG(""),-1)+1)=X |
| 197 |  | Q:'$D(PSBMSG) ; All is well |
| 198 |  | D MSG^DDSUTL(.PSBMSG) |
| 199 |  | S DDSERROR=1 |
| 200 |  | Q |
| 201 |  | ; |
| 202 |  | FLWUP ; Follow-Up on missing dose |
| 203 |  | N DIR,PSBIEN,PSBX,DA,DR,DDSFILE,PSBHDR,PSBDRUG,LOC ;\*70 |
| 204 |  | S Y="" F Q:Y="^" D |
| 205 |  | .K ^TMP("PSB",$J) S X="" |
| 206 |  | .F S X=$O(^PSB(53.68,"AS",1,X),-1) Q:'X S Y=$O(^TMP("PSB",$J,""),-1)+1,^TMP("PSB",$J,Y)=X,^TMP("PSB",$J,0)=Y |
| 207 |  | .I '$O(^TMP("PSB",$J,0)) W !!,"No Unresolved Missing Dose Requests Found." S Y="^" Q |
| 208 |  | .S PSBHDR="Currently Unresolved Missing Dose Requests" |
| 209 |  | .W @IOF,PSBHDR,!,$TR($J("",IOM)," ","-") |
| 210 |  | .F PSBX=0:0 S PSBX=$O(^TMP("PSB",$J,PSBX)) Q:'PSBX!(Y="^") S PSBIEN=^(PSBX)\_"," D |
| 211 |  | ..W !,$J(PSBX,2),". ",$$GET1^DIQ(53.68,PSBIEN,.01) |
| 212 |  | ..W ?25,$$GET1^DIQ(53.68,PSBIEN,.11) |
| 213 |  | ..; get correct location ;\*70 |
| 214 |  | ..S LOC=$S($$GET1^DIQ(53.68,PSBIEN,1)]"":$$GET1^DIQ(53.68,PSBIEN,1),1:$$GET1^DIQ(53.68,PSBIEN,.12)) |
| 215 |  | ..W ?57,LOC ;\*70 |
| 216 |  | ..S PSBDRUG=$$GET1^DIQ(53.68,PSBIEN,.13) |
| 217 |  | ..I PSBDRUG]"" W !?5,PSBDRUG |
| 218 |  | ..I PSBDRUG="" D |
| 219 |  | ...W !?5,"UNIQUE ID: ",$$GET1^DIQ(53.68,PSBIEN,.25) |
| 220 |  | ...S X=0 F S X=$O(^PSB(53.68,+PSBIEN,.6,X)) Q:'X W !?10,"ADDITIVES: ",$$GET1^DIQ(52.6,+^PSB(53.68,+PSBIEN,.6,X,0),.01) |
| 221 |  | ...S X=0 F S X=$O(^PSB(53.68,+PSBIEN,.7,X)) Q:'X W !?10,"SOLUTIONS: ",$$GET1^DIQ(52.7,+^PSB(53.68,+PSBIEN,.7,X,0),.01) |
| 222 |  | ..S:$Y>(IOSL-4) Y=$$PAGE(PSBX) |
| 223 |  | .S:Y'="^" Y=$$PAGE(PSBX) |
| 224 |  | Q |
| 225 |  | PAGE(PSBIX) ; |
| 226 |  | ; |
| 227 |  | N X,X1,PSBCX,PSBDX |
| 228 |  | S DIR("A")="Select Missing Dose Request # ( to continue, '^' to quit)" |
| 229 |  | I PSBIX="" S DIR("A")="Select Missing Dose Request # ( or '^' to quit)" |
| 230 |  | S DIR(0)="NO^1:"\_$S(PSBIX="":$O(^TMP("PSB",$J,PSBX),-1),1:PSBIX)\_":0" |
| 231 |  | D ^DIR S PSBDX=+Y |
| 232 |  | I PSBIX="",Y="" S Y="^" Q Y |
| 233 |  | I $G(DTOUT) S Y="^" Q Y |
| 234 |  | I Y="^" Q Y |
| 235 |  | I Y="" W @IOF,PSBHDR,!,$TR($J("",IOM)," ","-") Q Y |
| 236 |  | S (DA,PSBCX)=^TMP("PSB",$J,+Y),DR="[PSB MISSING DOSE FOLLOWUP]",DDSFILE=53.68 |
| 237 |  | D Q Y |
| 238 |  | .D ^DDS |
| 239 |  | .I $D(^PSB(53.68,"AS",0,PSBCX)) K ^TMP("PSB",$J) S X="" F S X=$O(^PSB(53.68,"AS",1,X),-1) Q:'X S X1=$O(^TMP("PSB",$J,""),-1)+1,^TMP("PSB",$J,X1)=X,^TMP("PSB",$J,0)=X1 |
| 240 |  | .S PSBX=0 W @IOF,PSBHDR,!,$TR($J("",IOM)," ","-") |
| 241 |  | ; |
| 242 |  | POST ;call from 'Patient' field of screenman form PSB MISSING DOSE REQUEST |
| 243 |  | ; |
| 244 |  | N DFN |
| 245 |  | S DFN=X D IN5^VADPT |
| 246 |  | D PUT^DDSVAL(DIE,.DA,.12,$P(VAIP(5),U,2)) ; value of DIE is 53.68, BCMA MISSING DOSE REQUEST FILE called from ScreenMan |
| 247 |  | D PUT^DDSVAL(DIE,.DA,.18,$P(VAIP(6),U,1),"","I") ; value of DIE is 53.68, BCMA MISSING DOSE REQUEST FILE called from ScreenMan |
| 248 |  | D REFRESH^DDSUTL |
| 249 |  | Q |