**PSBORT (New)**

PSBORT \* \* 183 LINES, (total 8766, comments 754) BYTES Page 1

RSUM: old 19350916, new 69496290

UCI: VISTA,ROU Site: TEST.CHEYENNE.MED.DNS AUG 3,2018@09:52

1 PSBORT ;AITC/CR - REPORT FOR RESPIRATORY THERAPY MEDS ;6/29/18 2:18pm

2 ;;3.0;BAR CODE MED ADMIN;\*\*103\*\*;Mar 2004

3 ;Per VA Directive 6402, this routine should not be modified.

4 ;

5 ;SLC/KB Modified PSBOMM for Resp Therapy Meds report

6 ;

7 ; Reference/IA

8 ; EN^PSJBCMA/2828 (private)

9 ; EN^PSJBCMA2/2830 (private)

10 ; ^DPT/10035 (supported)

11 ;=========================================================

12 EN ; called from DQ^PSBO

13 N PSBSTRT,PSBSTOP,DFN,PSBODATE,PSBFLAG,PSBCNT

14 K ^TMP("PSJ",$J),^TMP("PSB",$J),^TMP("PSB1",$J)

15 S PSBSTRT=$P(PSBRPT(.1),U,6)+$P(PSBRPT(.1),U,7)-.0000001

16 S PSBSTOP=$P(PSBRPT(.1),U,6)+$P(PSBRPT(.1),U,9)

17 S PSBODATE=$P(PSBRPT(.1),U,6)

18 F DFN=0:0 S DFN=$O(^TMP("PSBO",$J,DFN)) Q:'DFN D EN1

19 D PRINT

20 K ^TMP("PSJ",$J),^TMP("PSB",$J),^TMP("PSBO",$J)

21 Q

22 ;

23 EN1 ; expects DFN,PSBSTRT,PSBSTOP from EN

24 N PSBGBL,PSBHDR,PSBX,PSBDFN,PSBDT,PSBEVDT,PSBHOUR

25 K ^TMP("PSJ",$J) S PSBEVDT=PSBSTRT

26 D EN^PSJBCMA(DFN,PSBSTRT)

27 Q:^TMP("PSJ",$J,1,0)=-1

28 S PSBX=""

29 F S PSBX=$O(^TMP("PSJ",$J,PSBX)) Q:PSBX="" D

30 .Q:^TMP("PSJ",$J,PSBX,0)=-1 ; no Orders

31 .D CLEAN^PSBVT

32 .D PSJ^PSBVT(PSBX)

33 .; check for a respiratory therapy drug

34 .Q:$$GET1^DIQ(50.7,PSBOIT,15,"I")'="Y" ;not a resp terapy drug, PSBOIT set in ^PSBVT above

35 .Q:PSBIVT="A" ; No Admix or Hyp.

36 .Q:PSBIVT="H"

37 .I PSBIVT["S",PSBISYR'=1 Q ; allow intermittent syringe only

38 .I PSBIVT["C",PSBCHEMT'="P",PSBISYR'=1 Q

39 .I PSBIVT["C",PSBCHEMT="A" Q ; allow Chemo with intermittent syringe or Piggyback type only

40 .Q:PSBONX["P" ;no pending orders

41 .I PSBSCHT="C" D Q ; Only Continuous

42 ..S (PSBYES,PSBODD)=0

43 ..S PSBDOW="SU^MO^TU^WE^TH^FR^SA" F I=1:1:7 I $P(PSBDOW,"^",I)=$E(PSBSCH,1,2) S PSBYES=1

44 ..I PSBYES,PSBADST="" Q

45 ..F I=1:1 Q:$P(PSBSCH,"-",I)="" I $P(PSBSCH,"-",I)?2N!($P(PSBSCH,"-",I)?4N) S PSBYES=1

46 ..S PSBFREQ=$$GETFREQ^PSBVDLU1(DFN,PSBONX)

47 ..I PSBFREQ="O" S PSBYES=1

48 ..I 'PSBYES,PSBADST="",PSBFREQ<1 Q

49 ..I (PSBFREQ#1440'=0),(1440#PSBFREQ'=0) S PSBODD=1

50 ..I PSBODD,PSBADST'="" Q

51 ..Q:PSBOSTS["D" ;discontinued

52 ..Q:PSBNGF ; marked DO NOT GIVE

53 ..Q:PSBOSTS="N"

54 ..Q:PSBSM ;Self med

55 ..S PSBCADM=0

56 ..I PSBADST="" S PSBADST=$$GETADMIN^PSBVDLU1(DFN,PSBONX,PSBOST,PSBFREQ,PSBEVDT) Q:PSBADST="" S PSBCADM=1

57 ..E K ^TMP("PSB",$J,"GETADMIN") S ^TMP("PSB",$J,"GETADMIN",0)=PSBADST

58 ..; invalid admin times

59 ..F Y=1:1:$L(PSBADST,"-") D

60 ...Q:($P(PSBADST,"-",Y)'?2N)&($P(PSBADST,"-",Y)'?4N)

61 ..; below is (Order Start Date, Report Date, Schedule)

62 ..Q:'$$OKAY^PSBVDLU1(PSBOST,PSBODATE,PSBSCH,PSBONX,$P(^TMP("PSJ",$J,PSBX,3),U,2),PSBFREQ,PSBOSTS) ; Screens QOD

type stuff

63 ..K PSBOACTL,TMP("PSB1",$J) D EN^PSJBCMA2(DFN,PSBONX,1) I ^TMP("PSJ2",$J,0)'=1 M PSBOACTL=^TMP("PSJ2",$J) K ^TMP(

"PSJ2",$J)

64 ..F PSBXX=0:1 Q:'$D(^TMP("PSB",$J,"GETADMIN",PSBXX)) S PSBADST=$G(^TMP("PSB",$J,"GETADMIN",PSBXX)) D

65 ...F Y=1:1:$L(PSBADST,"-") D

66 ....S PSBDT=+("."\_$P(PSBADST,"-",Y))+(PSBSTRT\1)

67 ....Q:PSBDT<PSBOST ; order Start Date

68 ....Q:PSBDT'<PSBOSP ; order Stop Date

69 ....Q:PSBDT<PSBSTRT ; report Window

70 ....Q:PSBDT>PSBSTOP ; report Window

71 ....I $D(^PSB(53.79,"AORD",DFN,PSBONX,PSBDT)) D I PSBSTUS'="N",PSBSTUS'="M" Q ; if it is on the log quit, conti

nue if status is "NOT GIVEN" or "MISSING"

72 .....S PSBINDX=$O(^PSB(53.79,"AORD",DFN,PSBONX,PSBDT,"")),PSBSTUS=$P(^PSB(53.79,PSBINDX,0),U,9)

73 ....S ^TMP("PSB",$J,DFN,PSBDT,PSBOITX,PSBONX)=""

74 ....D UDCONT

75 ....I PSBFLAG=1 S ^TMP("PSB",$J,DFN,PSBDT,PSBOITX,PSBONX)="(On Hold) "\_$$FMTE^XLFDT(PSBHDDT)

76 ....I PSBFLAG=2 S ^TMP("PSB",$J,DFN,PSBDT,PSBOITX,PSBONX)="(On Hold) "\_$$FMTE^XLFDT(PSBHDDT)\_" "\_"(Off Hold) "\_$

$FMTE^XLFDT(PSBUNHD) Q

77 .K PSBHDDT,PSBUNHD,^TMP("PSB1",$J)

78 .I PSBSCHT="O" D Q

79 ..Q:PSBOSTS["D"!(PSBOSTS="N") ; discontinued

80 ..Q:PSBNGF ; Marked DO NOT GIVE

81 ..Q:PSBSM ;self med

82 ..; is the One Time Given?

83 ..Q:PSBOSP=PSBOST ;expired one-time

84 ..Q:PSBOST'<PSBSTOP

85 ..Q:PSBOSP<PSBSTRT

86 ..S (PSBGVN,X,Y)=""

87 ..F S X=$O(^PSB(53.79,"AOIP",DFN,PSBOIT,X),-1) Q:'X D

88 ...F S Y=$O(^PSB(53.79,"AOIP",DFN,PSBOIT,X,Y),-1) Q:'Y D

89 ....I $P(^PSB(53.79,Y,.1),U)=PSBONX,$P(^PSB(53.79,Y,0),U,9)'="N",$P(^PSB(53.79,Y,0),U,9)'="M" S PSBGVN=1,(X,Y)=0

90 ..; how long does One Time remain on the this report ??

91 ..D NOW^%DTC

92 ..S PSBRMN=1

93 ..I PSBSCHT="O",PSBOSP'=PSBOST&(%>PSBOSP) S PSBRMN=0

94 ..D:('PSBGVN)&(PSBRMN)

95 ...S VAR=""

96 ...K ^TMP("PSJ2",$J),^TMP("PSB1",$J),PSBOACTL D EN^PSJBCMA2(DFN,PSBONX,1) I ^TMP("PSJ2",$J,0)'=1 D

97 ....M PSBOACTL=^TMP("PSJ2",$J)

98 ....D UDONE

99 ....I PSBFLAG=1 S VAR="(On Hold) "\_$$FMTE^XLFDT(PSBHDDT)

100 ....I PSBFLAG=2 S VAR="(On Hold) "\_$$FMTE^XLFDT(PSBHDDT)\_" (Off Hold) "\_$$FMTE^XLFDT(PSBUNHD)

101 ...S VAR=VAR\_U\_$TR($$FMTE^XLFDT(PSBOST,2),"@"," ")

102 ...S VAR=VAR\_U\_$TR($$FMTE^XLFDT(PSBOSP,2),"@"," ")

103 ...S $P(^TMP("PSB",$J,DFN,"\*\*\* ONE-TIME \*\*\*",PSBOITX,PSBONX),U,1,4)=VAR

104 ...K PSBHDDT,PSBUNHD,^TMP("PSB1",$J),PSBCNT

105 K PSBOACTL

106 Q

107 ;

108 PRINT ; print meds stored in ^TMP("PSB",$J,DFN,....

109 N DFN,PSBHDR,PSBDT,PSBOITX,PSBONX

110 ; print by Ward

111 D:$P(PSBRPT(.1),U,1)="W"

112 .S PSBHDR(1)="RESPIRATORY THERAPY MEDICATIONS from "\_$$FMTE^XLFDT($P(PSBRPT(.1),U,6)+$P(PSBRPT(.1),U,7))\_" thru

"\_$$FMTE^XLFDT($P(PSBRPT(.1),U,6)+$P(PSBRPT(.1),U,9))

113 .W $$WRDHDR()

114 .I '$O(^TMP("PSB",$J,0)) W !,"No Medications Found" Q

115 .S PSBSORT=$P(PSBRPT(.1),U,5)

116 .F DFN=0:0 S DFN=$O(^TMP("PSB",$J,DFN)) Q:'DFN D

117 ..S PSBINDX=$S(PSBSORT="P":$P(^DPT(DFN,0),U),1:$G(^DPT(DFN,.1))\_" "\_$G(^(.101)))

118 ..S:PSBINDX="" PSBINDX=$P(^DPT(DFN,0),U)

119 ..S ^TMP("PSB",$J,"B",PSBINDX,DFN)=""

120 .S PSBINDX=""

121 .F S PSBINDX=$O(^TMP("PSB",$J,"B",PSBINDX)) Q:PSBINDX="" D

122 ..F DFN=0:0 S DFN=$O(^TMP("PSB",$J,"B",PSBINDX,DFN)) Q:'DFN D

123 ...W ! ; line break between patients

124 ...S PSBDT=""

125 ...F S PSBDT=$O(^TMP("PSB",$J,DFN,PSBDT)) Q:PSBDT="" D

126 ....;W ! ; line break between admin times, double-spacing of output

127 ....S PSBOITX=""

128 ....F S PSBOITX=$O(^TMP("PSB",$J,DFN,PSBDT,PSBOITX)) Q:PSBOITX="" D

129 .....S PSBONX=""

130 .....F S PSBONX=$O(^TMP("PSB",$J,DFN,PSBDT,PSBOITX,PSBONX)) Q:PSBONX="" D

131 ......I $Y>(IOSL-5) W $$WRDHDR()

132 ......W !,+PSBONX,$S(PSBONX["U":"UD",PSBONX["V":"IV",1:"")

133 ......W ?10,$G(^DPT(DFN,.101),"\*\*")

134 ......W ?30,$P(^DPT(DFN,0),U)," (",$E($P(^(0),U,9),6,9),")"

135 ......I PSBDT["ONE-TIME" D Q

136 .......W !,PSBDT,?30,PSBOITX," ",$P(^TMP("PSB",$J,DFN,PSBDT,PSBOITX,PSBONX),U,1)

137 .......W !,"Start Date/Time: ",?30,$P(^TMP("PSB",$J,DFN,PSBDT,PSBOITX,PSBONX),U,2)

138 .......W !,"Stop Date/Time: ",?30,$P(^TMP("PSB",$J,DFN,PSBDT,PSBOITX,PSBONX),U,3)

139 .......;W ! ; stop double space

140 ......W ?74,$S(PSBDT:$$FMTE^XLFDT(PSBDT,2),1:PSBDT),?90,PSBOITX

141 ......W " ",^TMP("PSB",$J,DFN,PSBDT,PSBOITX,PSBONX)

142 Q

143 ;

144 WRDHDR() --

; ward header

145 D WARD^PSBOHDR1(PSBWRD,.PSBHDR)

146 W !,"Ord Num",?10,"Room-Bed",?30,"Patient",?74,"Admin Date/Time",?90,"Medication"

147 W !,$TR($J("",IOM)," ","-")

148 Q ""

149 ;

150 UDCONT ;

151 S PSBFLAG=0,J=1

152 K ^TMP("PSB1",$J)

153 F I=1:1:$P(PSBOACTL(0),U,4) D

154 . I $P($G(PSBOACTL(I,1)),U,4)["ON HOLD"!($P($G(PSBOACTL(I,1)),U,4)="HOLD") S ^TMP("PSB1",$J,DFN,J)="HOLD"\_U\_$E($P

($G(PSBOACTL(I,1)),U,1),1,12)

155 . I $P($G(PSBOACTL(I,1)),U,4)["TAKEN OFF HOLD"!($P($G(PSBOACTL(I,1)),U,4)["UNHOLD") S $P(^TMP("PSB1",$J,DFN,J),U,

3)="OFF HOLD"\_U\_$E($P($G(PSBOACTL(I,1)),U,1),1,12),J=J+1

156 D:$D(^TMP("PSB1",$J,DFN))&($P(PSBOACTL(0),U,4)'=1)

157 .S J=0 F S J=$O(^TMP("PSB1",$J,DFN,J)) Q:'J Q:PSBFLAG D

158 ..S PSBHDDT=$P(^TMP("PSB1",$J,DFN,J),U,2)

159 ..S PSBHDST=$P(^TMP("PSB1",$J,DFN,J),U)

160 ..S PSBOFDT=$P(^TMP("PSB1",$J,DFN,J),U,4)

161 ..S PSBOFST=$P(^TMP("PSB1",$J,DFN,J),U,3)

162 ..I PSBDT>PSBHDDT,PSBHDST="HOLD",PSBOFST'="" I PSBDT<PSBOFDT,PSBOFST="OFF HOLD" S PSBFLAG=2,PSBUNHD=PSBOFDT

163 ..I PSBDT>PSBHDDT,PSBHDST="HOLD",PSBOFST="" S PSBFLAG=1

164 K PSBCNT,TMP("PSB1",$J)

165 Q

166 ;

167 UDONE ;

168 S PSBFLAG=0,J=1

169 F I=1:1:$P(PSBOACTL(0),U,4) D

170 .I $P($G(PSBOACTL(I,1)),U,4)["ON HOLD"!($P($G(PSBOACTL(I,1)),U,4)="HOLD") S ^TMP("PSB1",$J,DFN,J)="HOLD"\_U\_$E($P(

$G(PSBOACTL(I,1)),U,1),1,12)

171 .I $P($G(PSBOACTL(I,1)),U,4)["TAKEN OFF HOLD"!($P($G(PSBOACTL(I,1)),U,4)["UNHOLD") S $P(^TMP("PSB1",$J,DFN,J),U,3

)="OFF HOLD"\_U\_$E($P($G(PSBOACTL(I,1)),U,1),1,12),J=J+1

172 D:$D(^TMP("PSB1",$J,DFN))&($P(PSBOACTL(0),U,4)'=1)

173 .S J="" F S J=$O(^TMP("PSB1",$J,DFN,J)) Q:'J Q:PSBFLAG D

174 ..S PSBHDDT=$P(^TMP("PSB1",$J,DFN,J),U,2)

175 ..S PSBHDST=$P(^TMP("PSB1",$J,DFN,J),U)

176 ..S PSBOFDT=$P(^TMP("PSB1",$J,DFN,J),U,4)

177 ..S PSBOFST=$P(^TMP("PSB1",$J,DFN,J),U,3)

178 ..I PSBOSTS="A",PSBHDST="HOLD",PSBOFST'="",'$D(^TMP("PSB1",$J,DFN,J+1)) I PSBSTOP>PSBOFDT,PSBOFST="OFF HOLD" S PS

BFLAG=2,PSBUNHD=PSBOFDT

179 ..I PSBOSTS="A",PSBHDST="HOLD",PSBOFST'="",PSBOFDT'<PSBSTOP S PSBFLAG=1

180 ..I PSBOSTS="H",PSBHDST="HOLD",'$D(^TMP("PSB1",$J,DFN,J+1)) S PSBFLAG=1

181 K PSBCNT,^TMP("PSB1",$J)

182 Q

183 ;