Table: Blood Glucose Orders from PICU Acceptance (#1) to the 2nd hypoglycemia (#13) in Seattle Children's Hospital

ORDER#	DATE	TIME	END STATUS	RESULTS	PAGE#
1	Apr-10	08:20	Complete	87	1460
2	Apr-10	11:00	Complete	130	1456
3	Apr-10	11:00	Cancel		1455
4	Apr-10	23:00	Complete	NA	1437
5	Apr-11	05:00	Complete	NA	1427
6	Apr-11	09:38	Complete	NA	1423
7	Apr-11	11:00	Cancel		1420
8	Apr-11	12:00	Cancel		1418
9	Apr-11	17:00	Cancel		1406
10	Apr-11	21:38	Cancel		1399
11	Apr-11	23:00	Cancel		1398
12	Apr-12	00:00	Cancel		1397
13	Apr-12	05:00	Complete	33	1391

There were no results for 9 orders in 42 hours (from 11:00 on Apr 10 to 05:00 on Apr 12).

Parent notes:

#5: The point-of-care glucose test was done. The nurse told Jianhua's parents that it was 55. The nurse said that Jianhua's blood glucose would be above 60 mg/dL after she gave him formula. 60mg/dL was the lower limit.

#9: The nurse took a blood specimen after all of doctors said to do so that they could ensure the patient's safety.

#12: The nurse showed up. She did not take a blood specimen. She said that she would come back later since Jianhua just fell asleep after a rough day.

Orders

Order Start Date/Time: **4/10/2013 06:55 PDT**		
Order: Fax patient admit to PCP		
Order Date/Time: 4/10/2013 06:55 PDT		
Order Status: Completed	Department Status: Completed	Activity Type: Patient Care Communication Tasks
End-state Date/Time: 4/10/2013 08:01 PDT	End-state Reason:	
Ordering Physician: SYSTEM	Consulting Physician:	
Order Details: Requested date/time: 04/10/13 6:55:56		
Order Comment: Ordered on admission by rule.		
Action Type: Complete	Action Date/Time: 4/10/2013 08:01 PDT	Action Personnel: Reiter,Allison
Action Type: Order	Action Date/Time: 4/10/2013 06:55 PDT	Action Personnel: SYSTEM

Order Start Date/Time: **4/10/2013 06:55 PDT**		
Order: Measure head circumference,length and weight		
Order Date/Time: 4/10/2013 06:55 PDT		
Order Status: Completed	Department Status: Completed	Activity Type: Measurement
End-state Date/Time: 4/10/2013 11:40 PDT	End-state Reason:	
Ordering Physician: SYSTEM	Consulting Physician:	
Order Details: Requested date/time: 04/10/13 6:55:56		
Order Comment: OFC, length and weight is required on admission as a standard of care on all patients less than 24 months of age. Please measure and document.		
Action Type: Complete	Action Date/Time: 4/10/2013 11:40 PDT	Action Personnel: Comden,Louise,RN
Action Type: Order	Action Date/Time: 4/10/2013 06:55 PDT	Action Personnel: SYSTEM

Order Start Date/Time: **4/10/2013 06:55 PDT**		
Order: Provider Medication Reconciliation Review -Inpatient		
Order Date/Time: 4/10/2013 06:55 PDT		
Order Status: Completed	Department Status: Completed	Activity Type: Medication Reconciliation
End-state Date/Time: 4/10/2013 07:50 PDT	End-state Reason:	
Ordering Physician: SYSTEM	Consulting Physician:	
Order Details: 04/10/13 6:55:56		
Order Comment: Ordered by Discern Rule on Inpatient Admission. Order completed by rule after Provider Mediciation Reconciliation form signed.		
Action Type: Complete	Action Date/Time: 4/10/2013 07:50 PDT	Action Personnel: SYSTEM
Action Type: Order	Action Date/Time: 4/10/2013 06:55 PDT	Action Personnel: SYSTEM

Order Start Date/Time: **4/10/2013 06:55 PDT**		
Order: Transfer Discharge Notification		
Order Date/Time: 4/10/2013 06:55 PDT		
Order Status: Completed	Department Status: Completed	Activity Type: Patient Care Communication Tasks
End-state Date/Time: 4/10/2013 07:11 PDT	End-state Reason:	
Ordering Physician: SYSTEM	Consulting Physician:	
Order Details: Requested date/time: 04/10/13 6:55:56		
Order Comment: This patient has been transferred From: ED ED1 x78811 To: PICU RB.6.505-P 1 x74731. Notice sent to Dietary Services.		
Action Type: Complete	Action Date/Time: 4/10/2013 07:11 PDT	Action Personnel: Argueta Argueta,Gina
Action Type: Order	Action Date/Time: 4/10/2013 06:55 PDT	Action Personnel: SYSTEM

Orders

Order #1

Order Start Date/Time: **4/10/2013 08:20 PDT**		
Order: Glucose,Point of Care		
Order Date/Time: 4/10/2013 08:52 PDT		
Order Status: Completed	Department Status: Completed	Activity Type: General Lab
End-state Date/Time: 4/10/2013 08:52 PDT	End-state Reason:	
Ordering Physician: Smith,Lincoln S,MD	Consulting Physician:	
Order Details: Blood, RT - Routine, Collect 04/10/13 8:20:35		
Order Comment:		
Action Type: Complete	Action Date/Time: 4/10/2013 08:52 PDT	Action Personnel: SYSTEM
Action Type: Order	Action Date/Time: 4/10/2013 08:52 PDT	Action Personnel: SYSTEM

Order Start Date/Time: **4/10/2013 08:20 PDT**		
Order: ProSobee		
Order Date/Time: 4/10/2013 08:20 PDT		
Order Status: Discontinued	Department Status: Discontinued	Activity Type: Formula
End-state Date/Time: 4/10/2013 10:06 PDT	End-state Reason:	
Ordering Physician: Phelan,Rachel Ann,MD,MPH	Consulting Physician:	
Order Details: 20 Cal/oz Final, PO, ad lib, Requested date/time: 04/10/13 8:20:00, Floor Stock		
Order Comment:		
Action Type: Discontinue	Action Date/Time: 4/10/2013 10:06 PDT	Action Personnel: Phelan,Rachel Ann, MD,MPH
Action Type: Order	Action Date/Time: 4/10/2013 08:20 PDT	Action Personnel: Phelan,Rachel Ann, MD,MPH

Order Start Date/Time: **4/10/2013 08:15 PDT**		
Order: Assign Social Work Provider		
Order Date/Time: 4/10/2013 08:15 PDT		
Order Status: Discontinued	Department Status: Discontinued	Activity Type: Social Work
End-state Date/Time: 4/25/2013 18:45 PDT	End-state Reason:	
Ordering Physician:	Consulting Physician:	
Order Details: Patient assigned to: Daphne Lindsey, LICSW, 04/10/13 8:15:00		
Order Comment:		
Action Type: Discontinue	Action Date/Time: 4/25/2013 18:45 PDT	Action Personnel: SYSTEM
Action Type: Order	Action Date/Time: 4/10/2013 08:15 PDT	Action Personnel: Travis Jr,Roosevelt , LICSW

Order Start Date/Time: **4/10/2013 08:13 PDT**		
Order: Add-on Lab Test Communication (CIS Add-on Lab Test Communication)		
Order Date/Time: 4/10/2013 08:13 PDT		
Order Status: Completed	Department Status: Completed	Activity Type: General Lab
End-state Date/Time: 4/10/2013 08:13 PDT	End-state Reason:	
Ordering Physician: Chen,Laura Peihan,MD	Consulting Physician:	
Order Details: Tests to add: Triglycerides STAT, Add to specimen from: 4/10/13, Contact #: 76505, Blood		
Order Comment:		
Action Type: Complete	Action Date/Time: 4/10/2013 08:13 PDT	Action Personnel: SYSTEM
Action Type: Order	Action Date/Time: 4/10/2013 08:13 PDT	Action Personnel: Chen,Laura Peihan, MD

Orders

Order Start Date/Time: **4/10/2013 11:00 PDT**			Order #2
Order: I-STAT Glucose Level			
Order Date/Time: 4/10/2013 09:55 PDT			
Order Status: Completed	Department Status: Completed	Activity Type: LAB ISTAT	
End-state Date/Time: 4/10/2013 11:38 PDT	End-state Reason:		
Ordering Physician: Chen,Laura Peihan,MD	Consulting Physician:		
Order Details: Stat Requested date/time: 04/10/13 11:00:00			
Order Comment:			
Action Type: Complete	Action Date/Time: 4/10/2013 11:38 PDT	Action Personnel: Comden,Louise,RN	
Action Type: Order	Action Date/Time: 4/10/2013 09:55 PDT	Action Personnel: Chen,Laura Peihan, MD	

Order Start Date/Time: **4/10/2013 11:00 PDT**			
Order: I-STAT Ionized Calcium Level			
Order Date/Time: 4/10/2013 07:35 PDT			
Order Status: Completed	Department Status: Completed	Activity Type: LAB ISTAT	
End-state Date/Time: 4/10/2013 11:38 PDT	End-state Reason:		
Ordering Physician: Phelan,Rachel Ann,MD,MPH	Consulting Physician:		
Order Details: Stat Requested date/time: 04/10/13 11:00:00			
Order Comment:			
Action Type: Complete	Action Date/Time: 4/10/2013 11:38 PDT	Action Personnel: Comden,Louise,RN	
Action Type: Order	Action Date/Time: 4/10/2013 07:35 PDT	Action Personnel: Phelan,Rachel Ann, MD,MPH	

Order Start Date/Time: **4/10/2013 11:00 PDT**			
Order: Prothrombin Time + INR			
Order Date/Time: 4/10/2013 06:21 PDT			
Order Status: Completed	Department Status: Completed	Activity Type: General Lab	
End-state Date/Time: 4/10/2013 11:48 PDT	End-state Reason:		
Ordering Physician: Davis,Jeremiah Cheatham,MD,MPH	Consulting Physician:		
Order Details: Blood, Routine, Collect 04/10/13 11:00:00			
Order Comment:			
Action Type: Complete	Action Date/Time: 4/10/2013 11:48 PDT	Action Personnel: Lum,Laura ,CLS	
Action Type: Status Change	Action Date/Time: 4/10/2013 11:07 PDT	Action Personnel: Pasono,April	
Action Type: Status Change	Action Date/Time: 4/10/2013 11:07 PDT	Action Personnel: Pasono,April	
Action Type: Order	Action Date/Time: 4/10/2013 06:26 PDT	Action Personnel: Davis,Jeremiah Cheatham,MD,MPH	

Orders

Order Start Date/Time: **4/10/2013 11:00 PDT**			
Order: Fibrinogen			
Order Date/Time: 4/10/2013 06:21 PDT			
Order Status: Completed	Department Status: Completed		Activity Type: General Lab
End-state Date/Time: 4/10/2013 11:48 PDT		End-state Reason:	
Ordering Physician: Davis,Jeremiah Cheatham,MD,MPH		Consulting Physician:	
Order Details: Blood, Routine, Collect 04/10/13 11:00:00			
Order Comment:			
Action Type: Complete	Action Date/Time: 4/10/2013 11:48 PDT		Action Personnel: Lum,Laura ,CLS
Action Type: Status Change	Action Date/Time: 4/10/2013 11:07 PDT		Action Personnel: Pasono,April
Action Type: Status Change	Action Date/Time: 4/10/2013 11:07 PDT		Action Personnel: Pasono,April
Action Type: Order	Action Date/Time: 4/10/2013 06:26 PDT		Action Personnel: Davis,Jeremiah Cheatham,MD,MPH

Order Start Date/Time: **4/10/2013 11:00 PDT**			
Order: Hematocrit			
Order Date/Time: 4/10/2013 09:54 PDT			
Order Status: Discontinued	Department Status: Discontinued		Activity Type: General Lab
End-state Date/Time: 4/10/2013 15:11 PDT		End-state Reason:	
Ordering Physician: Phelan,Rachel Ann,MD,MPH		Consulting Physician:	
Order Details: Blood, Timed Study Routine, Collect 04/10/13 11:00:00			
Order Comment:			
Action Type: Discontinue	Action Date/Time: 4/10/2013 15:11 PDT		Action Personnel: Phelan,Rachel Ann, MD,MPH
Action Type: Order	Action Date/Time: 4/10/2013 09:54 PDT		Action Personnel: Chen,Laura Peihan, MD

Order Start Date/Time: **4/10/2013 11:00 PDT**			Order #3
Order: i-STAT Glucose Level			
Order Date/Time: 4/10/2013 07:35 PDT			
Order Status: Canceled	Department Status: Canceled		Activity Type: LAB ISTAT
End-state Date/Time: 4/10/2013 09:55 PDT		End-state Reason:	
Ordering Physician: Chen,Laura Peihan,MD		Consulting Physician:	
Order Details: Stat Requested date/time: 04/10/13 11:00:00			
Order Comment:			
Action Type: Cancel	Action Date/Time: 4/10/2013 09:55 PDT		Action Personnel: Chen,Laura Peihan, MD
Action Type: Order	Action Date/Time: 4/10/2013 07:35 PDT		Action Personnel: Phelan,Rachel Ann, MD,MPH

Orders

Order #4

Order Start Date/Time: **4/10/2013 23:00 PDT**			
Order: I-STAT Glucose Level			
Order Date/Time: 4/10/2013 09:55 PDT			
Order Status: Completed	Department Status: Completed		Activity Type: LAB ISTAT
End-state Date/Time: 4/10/2013 18:14 PDT		End-state Reason:	
Ordering Physician: Chen,Laura Peihan,MD		Consulting Physician:	
Order Details: Stat Requested date/time: 04/10/13 23:00:00			
Order Comment:			
Action Type: Complete	Action Date/Time: 4/10/2013 18:14 PDT		Action Personnel: Rucker,Sol C,RN
Action Type: Order	Action Date/Time: 4/10/2013 09:55 PDT		Action Personnel: Chen,Laura Peihan, MD

Order Start Date/Time: **4/10/2013 22:41 PDT**			
Order: MD to RN communication			
Order Date/Time: 4/10/2013 22:41 PDT			
Order Status: Discontinued	Department Status: Discontinued		Activity Type: Miscellaneous
End-state Date/Time: 4/12/2013 09:14 PDT		End-state Reason:	
Ordering Physician: Chen,Laura Peihan,MD		Consulting Physician:	
Order Details: please draw coags at midnight, Requested date/time: 04/10/13 22:41:00			
Order Comment:			
Action Type: Discontinue	Action Date/Time: 4/12/2013 09:14 PDT		Action Personnel: Chen,Laura Peihan, MD
Action Type: Order	Action Date/Time: 4/10/2013 22:41 PDT		Action Personnel: Corey,Katharine Anne,MD

Order Start Date/Time: **4/10/2013 21:00 PDT**			
Order: CT Abdomen Pelvis with cont			
Order Date/Time: 4/10/2013 18:17 PDT			
Order Status: Canceled	Department Status: Canceled		Activity Type: Radiology
End-state Date/Time: 4/10/2013 18:25 PDT		End-state Reason:	
Ordering Physician: Turnbull,Jessica Marie,MD		Consulting Physician:	
Order Details: Reason: 6 month old with edema, liver dysfunction, and dropping hematocrit, please evaluate for bleed or intra-abdominal process, metastasis from unknown primary., Routine, Isolation: Strict isolation "Fluorescent green", Requested date/time: 04/10/13...			
Order Comment:			
Action Type: Cancel	Action Date/Time: 4/10/2013 18:25 PDT		Action Personnel: Turnbull,Jessica Marie,MD
Action Type: Order	Action Date/Time: 4/10/2013 18:18 PDT		Action Personnel: Turnbull,Jessica Marie,MD

Orders

Order Start Date/Time: **4/11/2013 07:00 PDT**		
Order: Hematocrit		
Order Date/Time: 4/10/2013 15:10 PDT		
Order Status: Canceled	Department Status: Canceled	Activity Type: General Lab
End-state Date/Time: 4/10/2013 15:12 PDT	End-state Reason:	
Ordering Physician: Phelan,Rachel Ann,MD,MPH	Consulting Physician:	
Order Details: Blood, Timed Study Routine, Collect 04/11/13 7:00:00		
Order Comment:		
Action Type: Cancel	Action Date/Time: 4/10/2013 15:12 PDT	Action Personnel: Phelan,Rachel Ann, MD,MPH
Action Type: Order	Action Date/Time: 4/10/2013 15:11 PDT	Action Personnel: Phelan,Rachel Ann, MD,MPH

Order Start Date/Time: **4/11/2013 05:00 PDT**		Order #5
Order: i-STAT Glucose Level		
Order Date/Time: 4/10/2013 09:55 PDT		
Order Status: Completed	Department Status: Completed	Activity Type: LAB ISTAT
End-state Date/Time: 4/11/2013 12:32 PDT	End-state Reason:	
Ordering Physician: Chen,Laura Peihan,MD	Consulting Physician:	
Order Details: Stat Requested date/time: 04/11/13 5:00:00		
Order Comment:		
Action Type: Complete	Action Date/Time: 4/11/2013 12:32 PDT	Action Personnel: Clark,Salina,RN
Action Type: Order	Action Date/Time: 4/10/2013 09:55 PDT	Action Personnel: Chen,Laura Peihan, MD

Order Start Date/Time: **4/11/2013 04:00 PDT**		
Order: Albumin Level		
Order Date/Time: 4/10/2013 09:52 PDT		
Order Status: Canceled	Department Status: Canceled	Activity Type: General Lab
End-state Date/Time: 4/10/2013 15:10 PDT	End-state Reason:	
Ordering Physician: Phelan,Rachel Ann,MD,MPH	Consulting Physician:	
Order Details: Blood, Routine AM draw, Collect 04/11/13 4:00:00		
Order Comment:		
Action Type: Cancel	Action Date/Time: 4/10/2013 15:10 PDT	Action Personnel: Phelan,Rachel Ann, MD,MPH
Action Type: Order	Action Date/Time: 4/10/2013 09:53 PDT	Action Personnel: Chen,Laura Peihan, MD

Orders

Order Start Date/Time: **4/11/2013 09:38 PDT**			Order #6
Order: I-STAT Glucose Level			
Order Date/Time: 4/11/2013 09:38 PDT			
Order Status: Completed	Department Status: Completed		Activity Type: LAB ISTAT
End-state Date/Time: 4/11/2013 12:32 PDT		End-state Reason:	
Ordering Physician: Phelan,Rachel Ann,MD,MPH		Consulting Physician:	
Order Details: Stat Requested date/time: 04/11/13 9:38:00			
Order Comment:			
Action Type: Complete	Action Date/Time: 4/11/2013 12:32 PDT		Action Personnel: Clark,Salina,RN
Action Type: Order	Action Date/Time: 4/11/2013 09:39 PDT		Action Personnel: Phelan,Rachel Ann, MD,MPH

Order Start Date/Time: **4/11/2013 09:36 PDT**			
Order: Add-on Lab Test Communication (CIS Add-on Lab Test Communication)			
Order Date/Time: 4/11/2013 09:36 PDT			
Order Status: Completed	Department Status: Completed		Activity Type: General Lab
End-state Date/Time: 4/11/2013 09:37 PDT		End-state Reason:	
Ordering Physician: Chen,Laura Peihan,MD		Consulting Physician:	
Order Details: Tests to add: Hep C antibody, Hep B surface antigen, Add to specimen from: 4/11/13 at midnight, Contact #: 76505, Blood			
Order Comment:			
Action Type: Complete	Action Date/Time: 4/11/2013 09:37 PDT		Action Personnel: SYSTEM
Action Type: Order	Action Date/Time: 4/11/2013 09:37 PDT		Action Personnel: Chen,Laura Peihan, MD

Order Start Date/Time: **4/11/2013 09:35 PDT**			
Order: Add-on Lab Test Communication (CIS Add-on Lab Test Communication)			
Order Date/Time: 4/11/2013 09:35 PDT			
Order Status: Completed	Department Status: Completed		Activity Type: General Lab
End-state Date/Time: 4/11/2013 09:36 PDT		End-state Reason:	
Ordering Physician: Chen,Laura Peihan,MD		Consulting Physician:	
Order Details: Tests to add: Hepatitis B core antibody, EBV serology, CMV serology, Add to specimen from: 4/11/13 at midnight, Contact #: 76505, Blood			
Order Comment:			
Action Type: Complete	Action Date/Time: 4/11/2013 09:36 PDT		Action Personnel: SYSTEM
Action Type: Order	Action Date/Time: 4/11/2013 09:36 PDT		Action Personnel: Chen,Laura Peihan, MD

Orders

Order Start Date/Time: **4/11/2013 11:00 PDT**		
Order: Hematocrit		
Order Date/Time: 4/10/2013 15:11 PDT		
Order Status: Canceled	Department Status: Canceled	Activity Type: General Lab
End-state Date/Time: 4/11/2013 09:37 PDT	End-state Reason:	
Ordering Physician: Phelan,Rachel Ann,MD,MPH	Consulting Physician:	
Order Details: Blood, Timed Study Routine, Collect 04/11/13 11:00:00		
Order Comment:		
Action Type: Cancel	Action Date/Time: 4/11/2013 09:37 PDT	Action Personnel: Phelan,Rachel Ann, MD,MPH
Action Type: Status Change	Action Date/Time: 4/11/2013 07:50 PDT	Action Personnel: SYSTEM
Action Type: Order	Action Date/Time: 4/10/2013 15:12 PDT	Action Personnel: Phelan,Rachel Ann, MD,MPH

Order #7

Order Start Date/Time: **4/11/2013 11:00 PDT**		
Order: i-STAT Glucose Level		
Order Date/Time: 4/10/2013 09:55 PDT		
Order Status: Canceled	Department Status: Canceled	Activity Type: LAB ISTAT
End-state Date/Time: 4/11/2013 09:39 PDT	End-state Reason:	
Ordering Physician: Chen,Laura Peihan,MD	Consulting Physician:	
Order Details: Stat Requested date/time: 04/11/13 11:00:00		
Order Comment:		
Action Type: Cancel	Action Date/Time: 4/11/2013 09:39 PDT	Action Personnel: Phelan,Rachel Ann, MD,MPH
Action Type: Order	Action Date/Time: 4/10/2013 12:13 PDT	Action Personnel: Chen,Laura Peihan, MD

Order Start Date/Time: **4/11/2013 11:00 PDT**		
Order: Prothrombin Time + INR		
Order Date/Time: 4/10/2013 15:13 PDT		
Order Status: Canceled	Department Status: Canceled	Activity Type: General Lab
End-state Date/Time: 4/11/2013 09:31 PDT	End-state Reason:	
Ordering Physician: Phelan,Rachel Ann,MD,MPH	Consulting Physician:	
Order Details: Blood, Timed Study Routine, Collect 04/11/13 11:00:00		
Order Comment:		
Action Type: Cancel	Action Date/Time: 4/11/2013 09:31 PDT	Action Personnel: Chen,Laura Peihan, MD
Action Type: Status Change	Action Date/Time: 4/11/2013 07:50 PDT	Action Personnel: SYSTEM
Action Type: Order	Action Date/Time: 4/10/2013 15:13 PDT	Action Personnel: Phelan,Rachel Ann, MD,MPH

Orders

Order Start Date/Time: **4/11/2013 12:00 PDT**			
Order: Epstein Barr Panel (EBV Antibody Panel)			
Order Date/Time: 4/11/2013 09:33 PDT			
Order Status: Canceled	Department Status: Canceled		Activity Type: General Lab
End-state Date/Time: 4/11/2013 09:37 PDT		End-state Reason:	
Ordering Physician: Chen,Laura Peihan,MD		Consulting Physician:	
Order Details: Blood, Routine, Collect 04/11/13 9:33:00			
Order Comment:			
Action Type: Cancel	Action Date/Time: 4/11/2013 09:37 PDT		Action Personnel: Chen,Laura Peihan, MD
Action Type: Order	Action Date/Time: 4/11/2013 09:34 PDT		Action Personnel: Chen,Laura Peihan, MD

Order #8

Order Start Date/Time: **4/11/2013 12:00 PDT**			
Order: Glucose Level			
Order Date/Time: 4/11/2013 12:29 PDT			
Order Status: Canceled	Department Status: Canceled		Activity Type: General Lab
End-state Date/Time: 4/12/2013 09:01 PDT		End-state Reason:	
Ordering Physician: Phelan,Rachel Ann,MD,MPH		Consulting Physician:	
Order Details: Blood, Timed Study Routine, Collect 04/11/13 12:00:00			
Order Comment:			
Action Type: Cancel	Action Date/Time: 4/12/2013 09:01 PDT		Action Personnel: Beck,Lisa K
Action Type: Order	Action Date/Time: 4/11/2013 12:30 PDT		Action Personnel: Phelan,Rachel Ann, MD,MPH

Order Start Date/Time: **4/11/2013 12:00 PDT**			
Order: Hepatitis B Core IgM Antibody			
Order Date/Time: 4/11/2013 09:34 PDT			
Order Status: Canceled	Department Status: Canceled		Activity Type: General Lab
End-state Date/Time: 4/11/2013 09:37 PDT		End-state Reason:	
Ordering Physician: Chen,Laura Peihan,MD		Consulting Physician:	
Order Details: Blood, Routine, Collect 04/11/13 9:34:00			
Order Comment:			
Action Type: Cancel	Action Date/Time: 4/11/2013 09:37 PDT		Action Personnel: Chen,Laura Peihan, MD
Action Type: Order	Action Date/Time: 4/11/2013 09:35 PDT		Action Personnel: Chen,Laura Peihan, MD

Orders

Order #9

Order Start Date/Time: **4/11/2013 17:00 PDT**		
Order: I-STAT Glucose Level		
Order Date/Time: 4/10/2013 09:55 PDT		
Order Status: Canceled	Department Status: Canceled	Activity Type: LAB ISTAT
End-state Date/Time: 4/11/2013 09:39 PDT	End-state Reason:	
Ordering Physician: Chen,Laura Peihan,MD	Consulting Physician:	
Order Details: Stat Requested date/time: 04/11/13 17:00:00		
Order Comment:		
Action Type: Cancel	Action Date/Time: 4/11/2013 09:39 PDT	Action Personnel: Phelan,Rachel Ann, MD,MPH
Action Type: Order	Action Date/Time: 4/11/2013 00:09 PDT	Action Personnel: Chen,Laura Peihan, MD

Order Start Date/Time: **4/11/2013 16:49 PDT**		
Order: Point of Care Lab Panel		
Order Date/Time: 4/11/2013 17:00 PDT		
Order Status: Completed	Department Status: Completed	Activity Type: General Lab
End-state Date/Time: 4/11/2013 17:00 PDT	End-state Reason:	
Ordering Physician: Smith,Lincoln S,MD	Consulting Physician:	
Order Details: Blood, RT - Routine, Collect 04/11/13 16:49:47		
Order Comment:		
Action Type: Complete	Action Date/Time: 4/11/2013 17:00 PDT	Action Personnel: SYSTEM
Action Type: Order	Action Date/Time: 4/11/2013 17:00 PDT	Action Personnel: SYSTEM

Order Start Date/Time: **4/11/2013 16:40 PDT**		
Order: 6-Methyl-Mercaptopurine Group		
Order Date/Time: 4/10/2013 16:22 PDT		
Order Status: Canceled	Department Status: Canceled	Activity Type: General Lab
End-state Date/Time: 6/26/2013 12:25 PDT	End-state Reason: Not Applicable	
Ordering Physician: Chen,Laura Peihan,MD	Consulting Physician:	
Order Details: Blood, Routine AM draw, Collect 04/11/13 4:00:00		
Order Comment: Canceled per consult with Dr. Bonnie Cole		
Action Type: Cancel	Action Date/Time: 6/26/2013 12:25 PDT	Action Personnel: Drews,Linda
Action Type: Status Change	Action Date/Time: 4/15/2013 15:50 PDT	Action Personnel: Drews,Linda
Action Type: Status Change	Action Date/Time: 4/15/2013 15:49 PDT	Action Personnel: Drews,Linda
Action Type: Status Change	Action Date/Time: 4/12/2013 08:41 PDT	Action Personnel: Zapata-Garcia,Tania
Action Type: Status Change	Action Date/Time: 4/11/2013 17:12 PDT	Action Personnel: Pasono,April
Action Type: Status Change	Action Date/Time: 4/11/2013 03:50 PDT	Action Personnel: SYSTEM
Action Type: Order	Action Date/Time: 4/10/2013 16:24 PDT	Action Personnel: Chen,Laura Peihan, MD

Orders

Order #10

Order Start Date/Time: **4/11/2013 21:38 PDT**		
Order: I-STAT Glucose Level		
Order Date/Time: 4/11/2013 09:38 PDT		
Order Status: Canceled	Department Status: Canceled	Activity Type: LAB ISTAT
End-state Date/Time: 4/11/2013 12:29 PDT	End-state Reason:	
Ordering Physician: Phelan,Rachel Ann,MD,MPH	Consulting Physician:	
Order Details: Stat Requested date/time: 04/11/13 21:38:00		
Order Comment:		
Action Type: Cancel	Action Date/Time: 4/11/2013 12:29 PDT	Action Personnel: Phelan,Rachel Ann, MD,MPH
Action Type: Order	Action Date/Time: 4/11/2013 09:39 PDT	Action Personnel: Phelan,Rachel Ann, MD,MPH

Order Start Date/Time: **4/11/2013 21:00 PDT**		
Order: Succinylacetone quant,urine		
Order Date/Time: 4/10/2013 12:31 PDT		
Order Status: Canceled	Department Status: Canceled	Activity Type: General Lab
End-state Date/Time: 4/12/2013 09:12 PDT	End-state Reason: Order Error	
Ordering Physician: Chen,Laura Peihan,MD	Consulting Physician:	
Order Details: begin collection: 04/10/13 12:31:00		
Order Comment:		
Action Type: Cancel	Action Date/Time: 4/12/2013 09:12 PDT	Action Personnel: Mitchell,Laura ,CLS
Action Type: Status Change	Action Date/Time: 4/11/2013 21:16 PDT	Action Personnel: Black,Nicholas C
Action Type: Status Change	Action Date/Time: 4/11/2013 21:16 PDT	Action Personnel: Black,Nicholas C
Action Type: Status Change	Action Date/Time: 4/10/2013 15:50 PDT	Action Personnel: SYSTEM
Action Type: Order	Action Date/Time: 4/10/2013 12:32 PDT	Action Personnel: Chen,Laura Peihan, MD

Order Start Date/Time: **4/11/2013 21:00 PDT**		
Order: Succinylacetone screen,urine		
Order Date/Time: 4/12/2013 09:11 PDT		
Order Status: Completed	Department Status: Completed	Activity Type: General Lab
End-state Date/Time: 4/16/2013 16:36 PDT	End-state Reason:	
Ordering Physician: Chen,Laura Peihan,MD	Consulting Physician:	
Order Details: begin collection: 04/11/13 21:00:00		
Order Comment:		
Action Type: Complete	Action Date/Time: 4/16/2013 16:36 PDT	Action Personnel: Jack,Rhona ,PhD
Action Type: Status Change	Action Date/Time: 4/12/2013 09:11 PDT	Action Personnel: SYSTEM
Action Type: Order	Action Date/Time: 4/12/2013 09:11 PDT	Action Personnel: Mitchell,Laura ,CLS

Orders

Order Start Date/Time: **4/11/2013 23:52 PDT**		
Order: TRANSFUSE Red Blood Cells (Unit = 300-400mL)		
Order Date/Time: 4/11/2013 23:52 PDT		
Order Status: Completed	Department Status: Completed	Activity Type: Blood Components
End-state Date/Time: 4/12/2013 05:43 PDT	End-state Reason:	
Ordering Physician: Bergstrom,Charles Peter,MD	Consulting Physician:	
Order Details: TRANSFUSE RBCs: 200 mLs, Leukoreduced - equivalent to CMV Neg | CMV Neg -Leukoreduced may be substituted | Irradiated, Transfuse over 4 hrs, Begin transfusion when available, Premedicate? No, Order start date/time 04/11/13 23:52:00		
Order Comment: TRANSFUSE ORDER ONLY -A separate 'red blood cell' order is REQUIRED to receive product. This order WILL NOT REPRINT to Puget Sound Blood Center.		
Action Type: Complete	Action Date/Time: 4/12/2013 05:43 PDT	Action Personnel: Wontor,Callie ,RN
Action Type: Order	Action Date/Time: 4/11/2013 23:55 PDT	Action Personnel: Bergstrom,Charles Peter,MD

Order Start Date/Time: **4/11/2013 23:51 PDT**		
Order: Red Blood Cells ((300-400 mL))		
Order Date/Time: 4/11/2013 23:51 PDT		
Order Status: Completed	Department Status: Completed	Activity Type: Blood Components
End-state Date/Time: 4/12/2013 02:47 PDT	End-state Reason:	
Ordering Physician: Bergstrom,Charles Peter,MD	Consulting Physician:	
Order Details: 1 unit, Leukoreduced - equivalent to CMV Neg | CMV Neg -Leukoreduced may be substituted, Routine - within 4 hours, Send to: Children's, Order Date/Time 04/11/13 23:51:00		
Order Comment: RN PRINTING INSTRUCTIONS - If T&C specimen is NOT needed: right-click on order, select "Print" and Reprint Requisition to Puget Sound Blood Center printer: psbcreq. If T&C specimen is needed: right-click on order, select "Print" and Reprint Requisition to your local printer		
Action Type: Complete	Action Date/Time: 4/12/2013 02:47 PDT	Action Personnel: Wontor,Callie ,RN
Action Type: Order	Action Date/Time: 4/11/2013 23:55 PDT	Action Personnel: Bergstrom,Charles Peter,MD

Order Start Date/Time: **4/11/2013 23:00 PDT**		Order #11
Order: i-STAT Glucose Level		
Order Date/Time: 4/10/2013 09:55 PDT		
Order Status: Canceled	Department Status: Canceled	Activity Type: LAB ISTAT
End-state Date/Time: 4/11/2013 09:39 PDT	End-state Reason:	
Ordering Physician: Chen,Laura Peihan,MD	Consulting Physician:	
Order Details: Stat Requested date/time: 04/11/13 23:00:00		
Order Comment:		
Action Type: Cancel	Action Date/Time: 4/11/2013 09:39 PDT	Action Personnel: Phelan,Rachel Ann, MD,MPH
Action Type: Order	Action Date/Time: 4/11/2013 00:09 PDT	Action Personnel: Chen,Laura Peihan, MD

Orders

Order #12

Order Start Date/Time: **4/12/2013 00:00 PDT**		
Order: Glucose Level		
Order Date/Time: 4/11/2013 12:29 PDT		
Order Status: Canceled	Department Status: Canceled	Activity Type: General Lab
End-state Date/Time: 4/12/2013 09:03 PDT	End-state Reason:	
Ordering Physician: Phelan,Rachel Ann,MD,MPH	Consulting Physician:	
Order Details: Blood, Timed Study Routine, Collect 04/12/13 0:00:00		
Order Comment:		
Action Type: Cancel	Action Date/Time: 4/12/2013 09:03 PDT	Action Personnel: Beck,Lisa K
Action Type: Status Change	Action Date/Time: 4/11/2013 19:50 PDT	Action Personnel: SYSTEM
Action Type: Order	Action Date/Time: 4/11/2013 12:30 PDT	Action Personnel: Phelan,Rachel Ann, MD,MPH

Order Start Date/Time: **4/11/2013 23:52 PDT**		
Order: Red Blood Cell Orders		
Order Date/Time: 4/11/2013 23:52 PDT		
Order Status: Completed	Department Status: Completed	Activity Type: Ordersets
End-state Date/Time: 4/11/2013 23:52 PDT	End-state Reason:	
Ordering Physician: Bergstrom,Charles Peter,MD	Consulting Physician:	
Order Details: 04/11/13 23:52:00		
Order Comment:		
Action Type: Order	Action Date/Time: 4/11/2013 23:55 PDT	Action Personnel: Bergstrom,Charles Peter,MD

Order Start Date/Time: **4/11/2013 23:52 PDT**		
Order: Transfuse Red Blood Cell Orders		
Order Date/Time: 4/11/2013 23:52 PDT		
Order Status: Completed	Department Status: Completed	Activity Type: Ordersets
End-state Date/Time: 4/11/2013 23:52 PDT	End-state Reason:	
Ordering Physician: Bergstrom,Charles Peter,MD	Consulting Physician:	
Order Details: 04/11/13 23:52:00		
Order Comment:		
Action Type: Order	Action Date/Time: 4/11/2013 23:55 PDT	Action Personnel: Bergstrom,Charles Peter,MD

Orders

Order Start Date/Time: **4/12/2013 05:00 PDT**			
Order: Gamma Glutamyltransferase			
Order Date/Time: 4/10/2013 15:09 PDT			
Order Status: Completed	Department Status: Completed		Activity Type: General Lab
End-state Date/Time: 4/12/2013 05:28 PDT		End-state Reason:	
Ordering Physician: Phelan,Rachel Ann,MD,MPH		Consulting Physician:	
Order Details: Blood, Timed Study Routine, Collect 04/12/13 7:00:00			
Order Comment:			
Action Type: Complete	Action Date/Time: 4/12/2013 05:28 PDT		Action Personnel: SYSTEM
Action Type: Status Change	Action Date/Time: 4/12/2013 05:13 PDT		Action Personnel: Felicitas,Charlenne Anne Z
Action Type: Status Change	Action Date/Time: 4/12/2013 05:13 PDT		Action Personnel: Felicitas,Charlenne Anne Z
Action Type: Status Change	Action Date/Time: 4/12/2013 03:50 PDT		Action Personnel: SYSTEM
Action Type: Order	Action Date/Time: 4/11/2013 12:11 PDT		Action Personnel: Phelan,Rachel Ann, MD,MPH

Order Start Date/Time: **4/12/2013 05:00 PDT**			Order #13
Order: Glucose Level			
Order Date/Time: 4/11/2013 21:40 PDT			
Order Status: Completed	Department Status: Completed		Activity Type: General Lab
End-state Date/Time: 4/12/2013 05:33 PDT		End-state Reason:	
Ordering Physician: Clark,Jonna Derbenwick,MD		Consulting Physician:	
Order Details: Blood, Timed Study Routine, Collect 04/12/13 4:00:00			
Order Comment:			
Action Type: Complete	Action Date/Time: 4/12/2013 05:33 PDT		Action Personnel: Minnie,Kimberly
Action Type: Status Change	Action Date/Time: 4/12/2013 05:13 PDT		Action Personnel: Felicitas,Charlenne Anne Z
Action Type: Status Change	Action Date/Time: 4/12/2013 05:13 PDT		Action Personnel: Felicitas,Charlenne Anne Z
Action Type: Status Change	Action Date/Time: 4/12/2013 03:50 PDT		Action Personnel: SYSTEM
Action Type: Order	Action Date/Time: 4/11/2013 21:40 PDT		Action Personnel: Clark,Jonna Derbenwick,MD

Chemistry

LEGEND: *=Abnormal, C=Critical, ^ = Interpretive Data, c=Corrected, L=Low, H=High, f=Footnote, T=Textual Result

Collected Date	4/12/2013	4/12/2013		
Collected Time	11:30 PDT	10:25 PDT		
Procedure			Units	Reference Range
Glucose Level	**117** H	65	mg/dL	[60-105]

Collected Date	4/12/2013	4/12/2013		
Collected Time	10:24 PDT	07:56 PDT		
Procedure			Units	Reference Range
Glucose Level,Point of Care	80	85	mg/dL	[60-105]

Collected Date	4/12/2013	4/12/2013		
Collected Time	06:34 PDT	05:42 PDT		
Procedure			Units	Reference Range
Glucose Level	68	**30** C f13	mg/dL	[60-105]
Calcium Ionized	-	1.25	MMOL/L	[1.16-1.45]

Result Comments

f13: Glucose Level
Critical action: Notify physician
Critical notify: dane mejas
Read back: Yes
Notify date: 04-12-2013 05:50

Collected Date	4/12/2013	4/11/2013		
Collected Time	05:00 PDT	16:49 PDT		
Procedure			Units	Reference Range
Sodium Level	137	-	mEq/L	[135-145]
Potassium Level	3.5	-	mEq/L	[3.5-5.5]
Chloride Lvl	110	-	mEq/L	[96-110]
CO2 Lvl	23	-	mEq/L	[18-27]
Anion Gap	**7.5** L	-	mEq/L	[8.0-22.0]
Glucose Level	**33** C f14	-	mg/dL	[60-105]
BUN	11	-	mg/dL	[6-20]
Creatinine	0.3	-	mg/dL	[0.1-0.4]
Estimated GFR (Schwartz Bedside)	91 f16	-	mL/min/1.73 m2	
Magnesium Serum	2.2	-	mg/dL	[1.8-2.4]
Phosphorus Serum	4.4	-	mg/dL	[3.9-6.5]
Bilirubin Conjugated	**4.4** H	-	mg/dL	[0.0-0.3]
Bilirubin Unconjugated	**7.9** H	-	mg/dL	[0.0-1.1]
AST (SGOT)	**109** H	-	IU/L	[3-74]
ALT (SGPT)	**90** H	-	IU/L	[6-45]
Alkaline Phosphatase,Serum	**1157** H	-	IU/L	[95-380]
Gamma Glutamyltransferase	45	-	IU/L	[15-85]
Ammonia,Blood Venous	**50** H	-	mcmol/L	[9-33]
Lactic Acid Blood,Venous	1.6	0.7	MMOL/L	[0.5-2.2]
Albumin Level	**2.2** L	-	g/dL	[2.9-5.5]

Order#13

Chemistry

LEGEND: *=Abnormal, C=Critical, ^ = Interpretive Data, c=Corrected, L=Low, H=High, f=Footnote, T=Textual Result

Result Comments

f14: Glucose Level
Critical Glu called to Kylie Wontor and read back. 4/12/2013 5:30 km

f16: Estimated GFR (Schwartz Bedside)
Calculated by a Discern Rule
Estimated GFR(Schwartz Bedside) = 0.413 * Height(cm)/SCr(mg/dL)

Collected Date / Collected Time / Procedure	4/11/2013 16:40 PDT	4/11/2013 16:40 PDT	Units	Reference Range
Potassium Level	-	**3.1** L	mEq/L	[3.5-5.5]
Bilirubin Total	**11.1** H	-	mg/dL	[0.1-1.3]
Bilirubin Conjugated	**3.5** H	-	mg/dL	[0.0-0.3]
Bilirubin Unconjugated	**6.7** H	-	mg/dL	[0.0-1.1]
Bilirubin Delta	**0.9** H	-	mg/dL	[0.0-0.2]
AST (SGOT)	**94** H	-	IU/L	[3-74]
ALT (SGPT)	**84** H	-	IU/L	[6-45]
Alkaline Phosphatase,Serum	**1067** H	-	IU/L	[95-380]
Gamma Glutamyltransferase	40	-	IU/L	[15-85]
Ammonia,Blood Venous	**43** H	-	mcmol/L	[9-33]
Lactic Acid Blood,Venous	0.9	-	MMOL/L	[0.5-2.2]
Pyruvate	0.04 ^7	-	mmol/L	[0.03-0.10]
Albumin Level	**2.0** L	-	g/dL	[2.9-5.5]

Collected Date / Collected Time / Procedure	4/11/2013 16:40 PDT	4/11/2013 00:20 PDT	Units	Reference Range
Sodium Level	-	139	mEq/L	[135-145]
Potassium Level	-	3.7	mEq/L	[3.5-5.5]
Chloride Lvl	-	**111** H	mEq/L	[96-110]
CO2 Lvl	-	20	mEq/L	[18-27]
Anion Gap	-	11.7	mEq/L	[8.0-22.0]
BUN	-	10	mg/dL	[6-20]
Creatinine	-	0.2	mg/dL	[0.1-0.4]
Estimated GFR (Schwartz Bedside)	-	>120 f16	mL/min/1.73 m2	
Magnesium Serum	-	2.4	mg/dL	[1.8-2.4]
Phosphorus Serum	-	**3.7** L	mg/dL	[3.9-6.5]
Bilirubin Conjugated	**3.5** H	-	mg/dL	[0.0-0.3]
Bilirubin Unconjugated	**6.7** H	-	mg/dL	[0.0-1.1]

Result Comments

f16: Estimated GFR (Schwartz Bedside)
Calculated by a Discern Rule
Estimated GFR(Schwartz Bedside) = 0.413 * Height(cm)/SCr(mg/dL)

Collected Date / Collected Time / Procedure	4/10/2013 20:49 PDT	4/10/2013 11:01 PDT	Units	Reference Range
Potassium Level	4.4 f12	4.8	mEq/L	[3.5-5.5]

Chemistry

LEGEND: *=Abnormal, C=Critical, ^ = Interpretive Data, c=Corrected, L=Low, H=High, f=Footnote, T=Textual Result

Procedure		Collected Date 4/10/2013 Collected Time 20:49 PDT		Units	Reference Range
Glucose Level	-	**130** H		mg/dL	[60-105]
Calcium Ionized	-	1.29		MMOL/L	[1.16-1.45]
Bilirubin Conjugated	**6.4** H	-		mg/dL	[0.0-0.3]
Bilirubin Unconjugated	**8.9** H	-		mg/dL	[0.0-1.1]
AST (SGOT)	**122** H	-		IU/L	[3-74]
ALT (SGPT)	**82** H	-		IU/L	[6-45]
Alkaline Phosphatase,Serum	**1204** H	-		IU/L	[95-380]
Gamma Glutamyltransferase	52	-		IU/L	[15-85]
Albumin Level	**2.8** L	-		g/dL	[2.9-5.5]

Order#2

Result Comments

f12: Potassium Level

Slight hemolysis present. The following chemistry tests are affected by hemolysis: Potassium, Glucose, BUN, Total Protein, Albumin, Magnesium, Phosphorus, Iron, Total Iron Binding Capacity, Bilirubin (Bu/Bc and Total), AST (SGOT), ALT (SGPT), Alkaline Phosphatase, Creatine Kinase (CK), Lactate Dehydrogenase, Ammonia, C Reactive Protein, Carbamazepine, Phenytoin, and Digoxin.

Procedure		Collected Date 4/10/2013 Collected Time 08:23 PDT		Units	Reference Range
Glucose Level,Point of Care	-	87		mg/dL	[60-105]
Ammonia,Blood Venous	**40** H	-		mcmol/L	[9-33]

Order#1

Procedure		Collected Date 4/10/2013 Collected Time 02:51 PDT		Units	Reference Range
Sodium Level	-	**134** L		mEq/L	[135-145]
Potassium Level	-	5.0		mEq/L	[3.5-5.5]
Chloride Lvl	-	110		mEq/L	[96-110]
CO2 Lvl	-	**17** L		mEq/L	[18-27]
Anion Gap	-	12.0		mEq/L	[8.0-22.0]
BUN	-	9		mg/dL	[6-20]
Creatinine	-	0.2		mg/dL	[0.1-0.4]
Total Protein	**4.1** L	-		g/dL	[5.6-7.2]
Calcium Ionized	**1.15** L	-		MMOL/L	[1.16-1.45]
Magnesium Serum	-	2.4		mg/dL	[1.8-2.4]
Phosphorus Serum	-	**3.4** L		mg/dL	[3.9-6.5]
Ferritin Lvl	93	-		ng/mL	[10-95]
Bilirubin Conjugated	**4.0** H	-		mg/dL	[0.0-0.3]
Bilirubin Unconjugated	**10.3** H	-		mg/dL	[0.0-1.1]
AST (SGOT)	**107** H	-		IU/L	[3-74]
ALT (SGPT)	**91** H	-		IU/L	[6-45]
Alkaline Phosphatase,Serum	**1270** H	-		IU/L	[95-380]
Uric Acid	4.3	-		mg/dL	[2.0-6.0]
Gamma Glutamyltransferase	-	54		IU/L	[15-85]

Chemistry

LEGEND: *=Abnormal, C=Critical, ^ = Interpretive Data, c=Corrected, L=Low, H=High, f=Footnote, T=Textual Result

Collected Date	4/10/2013	4/9/2013		
Collected Time	02:51 PDT	22:20 PDT		
Procedure			Units	Reference Range
Triglycerides	**47** L ^2	-	mg/dL	[60-135]
Amylase Serum	-	<30	IU/L	[0-115]
Lipase Level	-	**<10** L	IU/L	[25-120]
Lactate Dehydrogenase	810	-	IU/L	[425-975]
Albumin Level	**2.3** L	-	g/dL	[2.9-5.5]
C Reactive Protein	-	<0.8	mg/dL	[<=0.8]

Collected Date	4/9/2013	4/9/2013		
Collected Time	22:15 PDT	20:35 PDT		
Procedure			Units	Reference Range
Sodium Level	135	135	mEq/L	[135-145]
Potassium Level	5.1	5.2	mEq/L	[3.5-5.5]
Glucose Level	89	**120** H	mg/dL	[60-105]
Calcium Ionized	1.28	1.27	MMOL/L	[1.16-1.45]
Lactic Acid Blood,Venous	2.1	**3.1** H	MMOL/L	[0.5-2.2]

Interpretive Data

^1: Prealbumin
Units for electrophoresis are % of total protein.
Premature newborns are expected to have a lower pre-albumin level than full term newborns.

^2: Triglycerides
Reference range is for fasting levels.

^3: Cholesterol
Reference ranges are for fasting levels.

^4: High Density Lipoprotein Chol
Recomendations from the adult treatment panel of the National Cholesterol Education Program appropriate for adults only:

Cholest.	HDL	LDL	Trig.	
<200	>35	<130	<250	Desirable
200-239		130-159	250-500	Border High
>240		>160	>500	High
	<35			Low
(mg/dL)	(mg/dL)	(mg/dL)	(mg/dL)	

^5: Low Density Lipoprotein Chol
LDL cholesterol may be underestimated with triglyceride levels greater than 400 mg/dl.

^6: Ammonia, Blood Venous
Note: Reference ranges updated 5/14/2013

^7: Pyruvate
Arterial blood values will be slightly lower.

Progress Note

XIE, JIANHUA DRACO - 1275567

Result Type:	Progress Note
Result Date:	11 April 2013 0:00
Result Status:	Auth (Verified)
Result Title:	CICU / PICU Progress Note
Performed By:	Smith, Lincoln S, MD on 11 April 2013 18:58
Verified By:	Smith, Lincoln S, MD on 11 April 2013 18:58
Encounter info:	94243980, CHMC, Inpatient, 4/9/2013 -

CICU / PICU Progress Note (Verified)

Document may Not be Signed/Finalized. See End of report for Electronic Authentication of Signature.

CICU / PICU PROGRESS NOTE

XIE, JIANHUA DRACO
DOB: 09/16/2012 M -MR #: 01-27-55-67

DATE OF ADMISSION: 04/09/2013 DATE OF REPORT: 04/11/2013

INTERVAL HISTORY: Jianhua is a 6-month-old male with liver failure of unknown etiology who remains critically ill in the Pediatric Intensive Care Unit with severe coagulopathy and fluid overload related to his liver failure. Over the last 24 hours, he had multiple tests sent to determine an etiology for his liver failure. There were many discussions with the family about the necessity for a CT scan of his abdomen to help delineate these lesions in his liver as well as look at the hepatic vasculature. However, after much discussion with the family, they were resistant to the radiation exposure, so therefore, the test was not performed overnight. He also will need longer term access with a PICC (peripherally inserted central catheter) line, but that was unable to be done overnight, so we are working on scheduling that over the course of today. Clinically, he was tolerating his feeds, but when he was NPO for potential PICC line placement today, since that time he has been quite fussy, but otherwise no acute issues.

REVIEW OF SYSTEMS:
1. FLUIDS, ELECTROLYTES, NUTRITION: He had 897 in and 700 out for a positive fluid balance of

197. He was eating Nutramigen except now he is NPO for a procedure and his electrolytes are within normal limits.
2. RESPIRATORY: He has been stable on room air.
3. CARDIOVASCULAR: He has a sinus rhythm.
4. HEMATOLOGY: His hematocrit is down to 19.4. His platelets are low at 106. His PT is 23.5, INR 2.2 and PTT of 44, and fibrinogen of 250 after receiving CRYO (cryptosporidiosis). His LFTs (liver function tests) remain moderately elevated with AST of 122, ALT 82, alkaline phosphatase 1204. He has hyperbilirubinemia with unconjugated bilirubin of 8.9 and a conjugated bilirubin is 6.4.
5. INFECTIOUS DISEASE: His white count is down to 23.9 with 52% polys and 2% bands.
6. RENAL: He had low urine output at 0.6 mg/kg/hr, however, had significant mixed output of 469.
7. PAIN AND SEDATION: He has been intermittently fussy but is easily consoled with a bottle.

PHYSICAL EXAMINATION: His T-max is 38.3, heart rate 110s-160s, respiratory rate 20s-60s, blood pressure 80s-110s over 30-60. I examined him just after his PICC line so he was intubated and sedated on the ventilator, waiting for his general anesthesia to wear off. HEENT: His pupils were 2 mm and reactive bilaterally. He had an endotracheal tube in place. Cardiovascular: He has normal S1 and S2 with a grade 2/6 systolic ejection murmur heard best at the left lower base. His lungs were clear to auscultation bilaterally. His abdomen is very full, but not tender. It is difficult to palpate a liver edge; however, it appears to be approximately 3 cm below the costal margin. I did not feel a spleen edge. His extremities are warm and well perfused.

ASSESSMENT: Jianhua is a 6-month-old with liver failure of unknown etiology thus far, who remains critically ill with severe coagulopathy in the Intensive Care Unit while undergoing diagnostic workup for his liver failure.

PLAN BY SYSTEMS:
1. FLUIDS, ELECTROLYTES, NUTRITION: He was NPO for his PICC line placed today during which time he will be on half maintenance fluids. Now that he has had his PICC line placed, we will continue him NPO for planned extubation once the general anesthetic wears off.
2. RESPIRATORY: He was stable on room air, but is currently intubated after his PICC line and the plan would be to extubate him either later this evening or tomorrow if there are other invasive procedures that need to be done.
3. CARDIOVASCULAR: His echocardiogram was okay yesterday.
4. HEMATOLOGIC: His coagulation studies improved after the CRYO transfusion yesterday. We will continue to monitor them every 12 hours given his severe coagulopathy. We will also send a second

blood type that is necessary as part of his liver transplant workup.
5. INFECTIOUS DISEASE: We will send EBV (Epstein-Barr virus) and CMV (cytomegalovirus) serologies as well as an HIV (human immunodeficiency virus) test and hepatitis C serologies. Given the results of his abdominal CT that he had today that shows evidence of an infiltrative process, we will consult our ID (Infectious Disease) colleagues to help us think about other etiologies for this infiltrative process.
6. GASTROINTESTINAL: As stated above, he had an abdominal CT which shows an infiltrative process with multiple lesions in the liver, a heterogeneous spleen as well as a thickened mesentery which are all consistent with an infiltrative process or an infectious process. We will continue to explore other etiologies of his liver failure. For now, we will monitor his liver function tests every 12 hours and we await the results of his extensive workup that has been sent thus far, and we will continue to monitor his glucoses q.12h.
7. ONCOLOGIC: We will consult our Hematology-Oncology colleagues to help us determine additional studies that should be done given the appearance of his abdominal CT.
8. SOCIAL: We will continue to support the family during this difficult time when their child is critically ill.

This is toddler critical care, subsequent day.

_____
Lincoln S Smith, MD , Attending Physician, Critical Care

Unreviewed

_____
Dictated By Katie R Nielsen, MD* , Critical Care Fellow

KRN/clw Doc #2934155 d: 04/11/2013 06:58 P t: 04/11/2013 07:36 P (1555830-)

Progress Note

XIE, JIANHUA DRACO - 1275567

cc: cc Pediatric Assoc Redmo
Julie E Wen, MD

Completed Action List:
* Perform by Smith, Lincoln S, MD on 11 April 2013 0:00
* Transcribe by on 11 April 2013 0:00
* Perform by Smith, Lincoln S, MD on 11 April 2013 18:58
* VERIFY by Smith, Lincoln S, MD on 11 April 2013 18:58