



Case Study-Endocrine System

HISTORY AND PHYSICAL

Date of Admission: June 15, 2003

This 73 year-old morbidly obese female is admitted with chief complaints of increasingly more difficult blood sugars to control. They apparently started escalating and now they have come to the point where they are into the 400 range. She is subsequently brought to the Emergency Room where it is felt that admission is probably worthwhile. She is known to have the following past medical history: chronic systolic congestive heart failure, she has a history of CVA with right-sided hemiparesis, she is currently a Type I diabetic. She is hypertensive, chronic atrial fibrillation, hyperuricemia with inflammatory arthropathy, osteoarthritis, osteoporosis of lumbar spine, renal insufficiency, hyperlipidemia, seasonal allergies.

Medications Currently

1. Coumadin 5 mg. daily
2. Lanoxin 0.25 mg. Daily
3. Lasix 80 mg two tabs b.i.d.
4. Zestril 10 mg daily
5. Spironolactone 25 mg daily
6. Humulin R 15 units in the a.m.
7. Humulin N 17 units b.i.d.
8. Allopurinol 100 mg daily
9. Allegra 60 mg b.i.d. p.r.n.
10. Tricor 160 mg daily

Review of Systems

From old chart of December 2002 the patient is a smoker. She has had two episodes of pneumonia. No history of tuberculosis. There is a long-standing history of atrial fibrillation with left hemispherical CVA and right-sided hemiplegia with expressive aphasia. She has a history of nonfunctional right kidney, multiple left renal cysts, renal insufficiency. She has seen Dr. Jackson, nephrologist. She has had a cholecystectomy. No history of peptic ulcer disease, episodic bloody bowel movements, but no

colonoscopy. She is a Gravida I, Para I, male. She has one living son in Europe. She has had a TAH-BSO.

Physical Examination

Reveals an alert, oriented morbidly obese female who has some varying small amounts of broken English. She has good facial symmetry. She wears corrective lenses. Oral membranes are dry. Tongue is midline and protrudes in the midline. Uvula and hard palate are intact. Posterior pharynx is clear. The neck is negative by palpation and auscultation. The chest has extra systoles appreciated. The abdomen is obese, benign. The right upper extremity is fairly much flaccid and cannot be moved. The right lower extremity can be moved somewhat. There is a positive Babinski on the right. She has no regional lymphadenopathy. Peripheral pulses can be palpated at the radial and dorsalis pedis levels. Breasts are unremarkable.

Analysis:

1. Hyperglycemia
2. Uncontrolled Type I IDDM

PHYSICIAN ORDERS/PROGRESS NOTES

6/15/03 – Admit Order

Dx: Hyperglycemia , DM, CHF

1. Bed rest
2. 1800 ADA 2 gm Na+ diet
3. CBC, U/A, ABG
4. Portable CXR
5. I/V 1000 cc's ½ Normal Saline
6. Insulin 10 units I/V
7. Sliding Scale insulin
8. Tricor 100 mgs p.o. daily
9. Spironolactone 25 mgs t.i.d.
10. Cozaar 50 mgs b.i.d.
11. Prevacid 30 mgs p.o. daily
12. Lasix 40 mgs p.o. daily
13. Digoxin

6/16/03

Admitted through the ER. Has been “feeling not that well.”

History of CHF, CVA, HTN, obesity

Exam:

- Chest – clear to auscultation (CTA), normal sinus rhythm (NSR)
- Alert and oriented x 3
- Vital signs stable (VSS)

Abdomen – obese, benign
Extremities – LLE weak
Eyes – glasses
Dx: Hyperglycemia, CHF

6/17/03

Blood sugars still up – greater than 500. Not feeling well – No chest, ENT or Abdominal symptoms
VSS stable
No temperature
Chest – CTA, NSR
Abdomen – obese, benign

6/18/03

No new problems; Review of systems (ROS) –negative
Cardiovascular- (CTA), (NSR)
Vital signs stable (VSS)
Urine output – good, normal bowel sounds (BS)
Blood sugars 192 after adding Insulin 30 units
Continue present therapy

6/19/03

No new problems- Blood sugars stable
Improved with 2 days of 22 units of Humalog for blood sugars of greater than 380
CTA, NSR
Abdomen – Negative

6/20/03

Had episode of acute chest pain yesterday- work up – negative.
Alert oriented
Fasting blood sugar (FBS) 127 this morning
CTA- NSR
Abd – Negative
Continue present therapy
Consult for nursing home placement
Discharge

DISCHARGE SUMMARY

Date Admitted: 6/15/03
Date Discharged: 6/20/03

Final Diagnosis:
Hyperglycemia
Uncontrolled Type I insulin-dependent diabetes mellitus
Old left hemispherical cerebrovascular accident with right-sided paralysis

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Atrial fibrillation
Chronic hypertension
Acute renal insufficiency
Hyperlipidemia
Gout
Osteoarthritis
Osteoporosis
Seasonal allergies

Procedures: None

Consultations: None

Condition on Discharge: Improved

Disposition of Case: The patient is being transferred to Pleasant Acres, a skilled nursing facility (SNF).

Discharge Medications/Instructions:

Actos 30 mg daily
Coumadin 7.5 mg daily
Cozaar 50 mg b.i.d.
Sliding scale Humalog
Lanoxin 0.125 mg daily
Lasix 40 mg daily
Prevacid 30 mg daily
Aldactone 25 mg b.i.d.
Tricor 162 mg daily
PRN Nitroglycerin

History of Present Illness: This 73-year-old morbidly obese female has chief complaints of increasingly elevated blood sugars that are just virtually impossible to control at home. She apparently started having escalation of her blood sugars and now they are persistently staying 400 or more. She is a disabled female with a history of congestive heart failure, cerebrovascular accident with right sided hemiparesis, chronic atrial fibrillation, gout, osteoarthritis, osteoporosis and all the other problems listed above is felt to be better off being admitted and trying to gain control and then to be dismissed to home after we get more successful.

Laboratory: Multiple blood sugars can be found on the chart for the interested reader.

Hospital Course: On admission to the hospital, the patient is placed on sliding scale insulin. She is using Humulin regular. This is dosed accordingly through her hospitalization with regards to blood sugars. We began to try to ambulate the patient giving her gait training and so on. She had one episode of chest pain that did improve after we administered nitroglycerin, but as to whether or not it is really the heart is not felt to be overly likely. The patient finally improves to the point where we feel that we can transfer her to the skilled nursing facility, Pleasant Acres, which is accomplished with the above orders.

RADIOLOGY REPORT

NAME:

DOB:

AGE: 73 TIME: 0050 ROOM: ER

X-RAY #:

HOSPITAL #

SHIELDED: No

TECH ID:

Attending Physician:

CHEST: 6/15/03

Comparison is made to 12-07-02. The current study demonstrates the heart size to be prominent although within normal limits. No pulmonary vascular congestive changes or active pulmonary infiltrates are apparent. No pleural effusions are demonstrated. Osteophytic densities are present within the upper lobe of the left lung.

IMPRESSION:

1. No active pulmonary disease apparent on the current study.

LOCATION: E1
 F AGE: 73 DOB:
 6/15/03 23:45 Pr:

TEST	NORMAL	ABNORMAL	UNITS	NORMAL RANGE
URINALYSIS				
COLOR	Yellow			Straw-Yellow
CHARACTER	Clear			Clear
SPECIFIC GRAVITY		<1.005	L	1.006-1.025
PH	5.0			5.0-7.5
URINE PROTEIN	Neg			Negative
URINE GLUCOSE		>1,000	CH	Negative
URINE KETONES	Neg		mg/dL	Negative
URINE BILIRUBIN/ UROBILINOGEN	Neg			Negative
	0.2			0.2-1
URINE BLOOD	Neg			Negative
NITRITE	Neg			Negative
LEUKOESTERASE	Neg			Negative

BACTERIOLOGY
 URINE CULTURE/NOT INDICATED

LOCATION: ER DOCTO
 AGE: 73 DOB: HOF
 5/03 22:58 Printed: 6/16/03

TEST	NORMAL	ABNORMAL	UNITS	NORMAL RANGE
HEMATOLOGY				
WBC	5.01		10 ³ /uL	4.5-11.0
RBC	4.71		10 ⁶ /uL	4.2-5.4
HGB	13.7		g/dL	12.0-16.0
HCT	40.4		%	37-47
MCV	86		fL	81-100
MCH	29		pg	27.0-33
MCHC	34		g/dL	32-36
RDW	12.0		%	10.5-15.5
PLATELETS	239		10 ³ /uL	150-440
MPV	12.5		fL	5.0-14
NEUTROPHILS %	71.50		%	46-75
LYMPHOCYTES %		18.60 L	%	20-45
MONOCYTES %	6.41		%	3.5-11.5
EOSINOPHILS %	2.34		%	0-7
BASOPHILS %	1.17		%	0-2
NEUTROPHILS #	3.6		10 ⁹ /L	2-8
LYMPHOCYTES #		0.9 L	10 ⁹ /L	1.3-4.0
MONOCYTES #	0.3		10 ⁹ /L	0.3-1.5
EOSINIPHILS #	0.1		10 ⁹ /L	0-0.2
BASOPHILS #	0.1		10 ⁹ /L	0-0.2
CHEMISTRY				
SODIUM		126 L	mEq/L	135-153
POTASSIUM	4.2		mEq/L	3.6-5.0
CHLORIDE		92 L	mEq/L	101-111
CO2	27.0		mEq/L	21-31
ANION GAP (Calc)	13.8			6.0-16.0
GLUCOSE		762.0 CH	mg/dL	70-110
BUN		66.0 H	mg/dL	6-20
CREATININE		2.6 H	mg/dL	0.5-1.2
BUN CREA RATIO		25.4 H	Ratio	6-20
CALCIUM	8.8		mg/dL	8.5-10.5
OSMOLALITY		309.3 H	mOsm/kg	275-295

LOCATIO
F---AGE: 73
6/17/03 0:01

<u>TEST</u>	<u>NORMAL</u>	<u>ABNORMAL</u>	<u>UNITS</u>	<u>NORMAL RANGE</u>
CALL				
CHEMISTRY GLUCOSE		547.0 CH	mg/dL	70-110

Called to PIC 6/18/03

TEST NORMAL ABNORMAL UNITS NORMAL RANGE

CALL TO

CHEMISTRY
GLUCOSE

428.0 H mg/dL

70-110

PATIENT: LOCATION: 315-02 DOCTOR:
 MEDICAL RECORD #: SEX: F AGE: 73 DOB: HOSPITAL #:
 Accn #: Drawn: 6/19/03 14:30 Printed: 6/19/03 15:11 FINAL

<u>TEST</u>	<u>NORMAL</u>	<u>ABNORMAL</u>	<u>UNITS</u>	<u>NORMAL RANGE</u>
RESULTS CALLED TO 3 RD FLOOR AT 1510				

CHEMISTRY

AST (SGOT)	24		IU/L	10-42
LDH	126.0		IU/L	91-190

SPECIAL CHEMISTRY

TROPONIN-I	0.00		ng/mL	0.00-0.50
CK	42			26-140

LABORATORY REPORTS

PATIENT

Accu ✓
86°

MISC LABORATORY

PATIENT ID

Y073 F 350

DOB: 6/15/03 FULL #

		DATE REQUESTED	DATE TO BE DONE	NURSE	TECH
			6-18-03		
QTY	CODE	TEST		RESULTS	
1-18	06	Accu ✓ 192			
	12	Am ✓ 290		16u	
6/18	1700	" 384			

MISC. LABORATORY

PATIENT NO

MISC LABORATORY

PATIENT NA

Y073 F 350

DOB: 6/15/03 FULL

		DATE REQUESTED	DATE TO BE DONE	NURSE	TECH
			6/17/03		
QTY	CODE	TEST		RESULTS	
10		Accu ✓ 173 ^{error entry} 2u ^{2u}		316 18u Novology	
	12	Am ✓ 280			
	1630	Accu ✓ 425		22u Novology	
	2400	Accu ✓ 358		20u Novology	

MISC. LABORATORY

PATIENT

Accu ✓
86°

MISC LABORATORY

PATIENT

Y073 F 350

DOB: 6/15/03 FULL #61224887

		DATE REQUESTED	DATE TO BE DONE	NURSE	TECH
			6-16-03		
QTY	CODE	TEST		RESULTS	
6/16	06	Accu ✓ 443			
	12	Am ✓ 336		14u	
1/16	1700	" 357			
	2400	531		35u Rg.	

MISC. LABORATORY

LABORATORY REPORTS

MISC LABORATORY

Y073 F 350
6/15/03 FULL #

		DATE REQUESTED	DATE TO BE DONE	NURSE	TECH
		6/20/03			
CODE	TEST	RESULTS			
✓ 06	Accu 06 Wtmg/dl	SS ins.			
✓ 1200	accu 224 18u Normalog				

MISC. LABORATORY

CHART - White LAB - Pink PHYSICIAN - Yellow OP - White Tag

MISC LABORATORY

PATIENT # Y073 F 350
DOB: 6/15/03 FULL #

		DATE REQUESTED	DATE TO BE DONE	NURSE	TECH
		06-19-03			
QTY	CODE	TEST	RESULTS		
		Accu ✓ 24 392	Hemalog 22u		
		Accu 06 154	Hemalog 10u		
		Accu ✓ 1200 287	16u Alkalog		
		✓ 1800 396	22u Normalog		
		Alkim ✓ 24 303	18 Units Hemalog SS ins		

MISC. LABORATORY

is Hospital Medication Administration Record

Init	Signature	Init	Signature
Administration Codes			
UA	CVE		
SC			
IVPE			

Height
 Note
 Allergies: **NKA**
 M.A.R. For

Printed

24 Hour Check By

	Route	0700-1459	1500-2259	2300-0659
Start: 6-16-03 IV 1/2 NS @ 60dhr Stop: Stop Qty:	IV			
Start: 6-16-03 Tricor 160mg Stop: Stop Qty: daily	P.O.			
Start: 6-16-03 Spiramylactone 25mg Stop: Stop Qty: Bid	P.O.			
Start: 6-16-03 Cozcar 50mg Stop: Stop Qty: Bid	P.O.			
Start: 6-16-03 Prevacid 30mg Stop: Stop Qty: daily	P.O.			
Start: 6-16-03 Lasix 40mg Stop: Stop Qty: daily	P.O.			
Start: 6-16-03 Digoxin 0.125mg Stop: Stop Qty: daily	P.O.			
Start: 6-16-03 Sliding scale A Humulin Reg. Stop: 60-140 = 0 Stop Qty: 141-180 = 2 units		12 — BS —	18 — BS	24 — BS 44.3 BS 18w
Start: 181-220 = 4 units Stop: 221-260 = 6 units Stop Qty: Accu-Check		241-300 = 8 units 301-340 = 10 units	341-380 = 12 units 381-400 = 14 units	
Start: 6-16-03 Coumadin 7.5mg Stop: Stop Qty: Q.O.D.	P.O.			
Start: 6-16-03 Coumadin 10mg Stop: Stop Qty: Q.O.D.	P.O.			

Comments:

atient

Room/Bed

Sex:

Medication Administration Record

Hospital Pharmacy Medication Administration Record

Age: 73 Years

Signature _____

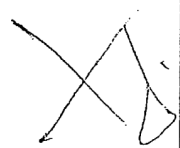
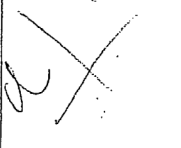

: 06/15/2003

Diagnosis HYPERGLYCEMIA DM CRF

Height: 66 in. 168 cm. Weight: 224 lb. 102 kg.

Note:

Allergies NKA

Scheduled UD Orders	Route	07:00 - 14:59	15:00 - 22:59	23:00 - 06:59
Start: 06/16/2003 8:00 COUMADIN 7.5MG AKA: WARFARIN 7.5MG Stop 06/23/2003 8:00 Coumadin 7.5mg po daily on even-numbered days Qty: 0 alternating with coumadin 10mg	PO 301406		18:00 _____	
Start: 06/16/2003 8:00 COZAAR 50MG AKA: LOSARTAN 50MG Stop 07/16/2003 8:00 50mg po bid Qty: 0	PO 301402	09:00 _____	21:00 _____	
Start: 06/16/2003 8:00 INSULIN_HUMAN_R_10ML_VIAL AKA: (GEQ:HUMULIN NOVULIN) Stop 07/16/2003 8:00 SS "A" Sub Q = 60-140=0, 141-180=2, 181-220=4, 221-260=6, 261-300=8, 301-340=10, 341-380=12, 381-400=14, >400 Pull BS and call Physician Qty: 0	IJ 301408			
Start: 06/16/2003 8:00 LANOXIN 0.125MG AKA: DIGOXIN 0.125mg Stop 07/16/2003 8:00 Lanoxin 0.125mg po daily Qty: 0 CHECK APICAL PULSE!!!	PO 301405	13:00 _____		
Start: 06/16/2003 8:00 LASIX 40MG TAB AKA: FUROSEMIDE_40MG_TAB. Stop 07/16/2003 8:00 40mg po qd Qty: 0	PO 301404	09:00 _____		
Start: 06/16/2003 8:00 PREVACID 30MG AKA: LANSOPRAZOLE 30mg Stop 07/16/2003 8:00 30mg po qd Qty: 0 **DO NOT CRUSH**	PO 301403	09:00 _____		
Start: 06/16/2003 8:00 SOD.CHL.0.45% 1000ML The IV rate is 60 ml/hr. Stop 07/16/2003 8:00 60cc/h Qty: 0	IV 301396	08:00 _____		00:00 _____
Start: 06/16/2003 8:00 SPIRONOLACTONE 25MG AKA: ALDACTONE 25MG Stop 07/16/2003 8:00 25mg po bid Qty: 0	PO 301400	09:00 _____	21:00 _____	
Start: 06/16/2003 8:00 TRICOR 54MG Cap AKA: Fenofibrate 54mg Stop 07/16/2003 8:00 162mg (3 tabs) po qd auto sub for tricor 160mg Qty: 0	PO 301398	09:00 _____		

Comments:

Patient:

Room/Bed 315 - 2

Sex: Female

24 Hour Check By: _____

Medication Administration Record:

Effective: (06/16/2003 07:00 - 06/17/2003 06:59)

Printed: 06/16/2003 07:32

Last Page

Page: 1

ks Hospital Medication Administration Record

Institution	Signature	Date	Signature

Height
 Note
 Allergies **NKA**
 MAR For

Printed

24 Hour Check By

Start	Stop	Stop Qty	Route	0618-1209	1200-1800	1800-0600
6-16-03			IV			1800 1000 @ 1
6-16-03			P.O.	09		
6-16-03			P.O.	09	21	
6-16-03			P.O.	09	21	
6-16-03			P.O.	09		
6-16-03			P.O.	09		
6-16-03			P.O.	13		
6-16-03				12	18	24
6-16-03				05	05	06
6-16-03						05
6-16-03			P.O.		18	
6-16-03			P.O.			

6/16 Hematology ϕ ns 35 level C
 60-140 = 0 261-300 = 12u
 141-180 = 6u 301-340 = 14u
 181-220 = 8u 341-380 = 16u
 221-260 = 10u 381-400 = 18u

Sy 12 14u. 17715 16u SE 24 501
 336 17715 16u SE 24 501
 06 3101
 55.8 18U

patient Room/Bed Sex

Hospital Pharmacy Medication Administration Record

Room: 315 - 2 Age: 73 Years
 Patient Id _____ Med Rec _____
 Sex: Female CrCl: 0 ml/mi DOB: _____
 Physician _____ Admitted: 06/15/2003
 Diagnosis: HYPERGLYCEMIA DM CRF
 Height: 66 in. 168 cm. Weight: 224 lb. 102 kg.
 Note: _____
 Allergies: NKA

Init	Signature	Init	Signature
	<i>1002</i>		

Scheduled UD Orders	Route	07:00 - 14:59	15:00 - 22:59	23:00 - 06:59
Start: 06/16/2003 8:00 COUMADIN 7.5MG AKA: WARFARIN 7.5MG Stop: 06/23/2003 8:00 Coumadin 7.5mg po daily Qty: 0	PO 301406		18:00	
Start: 06/16/2003 8:00 COZAAR 50MG AKA: LOSARTAN 50MG Stop: 07/16/2003 8:00 50mg po bid Qty: 0	PO 301402	09:00	21:00	
 Start: 06/16/2003 10:00 Insulin Humalog 100U/ML 10ML AKA: INSULIN LISPRO/NOVOLOG Stop: 07/16/2003 10:00 SS "C" Sub Q 60-140=0, 141-180=8, 181-220=8, 221-260=10, 261-300=12, 301-340=14, 341-380=16, 381-400=18, >400 Pull BS and Call Physician Qty: 0 	SQ 301448	 		
Start: 06/16/2003 8:00 LANOXIN 0.125MG AKA: DIGOXIN 0.125mg Stop: 07/16/2003 8:00 Lanoxin 0.125mg po daily Qty: 0 CHECK APICAL PULSE!!!	PO 301405	13:00		
Start: 06/16/2003 8:00 LASIX 40MG TAB AKA: FUROSEMIDE_40MG_TAB. Stop: 07/16/2003 8:00 40mg po qd Qty: 0	PO 301404	09:00		
Start: 06/16/2003 8:00 PREVACID 30MG AKA: LANSOPRAZOLE 30mg Stop: 07/16/2003 8:00 30mg po qd Qty: 0 **DO NOT CRUSH**	PO 301403	09:00		
 Start: 06/16/2003 8:00 SOD:CHL:0.45%-1000ML The IV rate is 60 ml/hr. Stop: 07/16/2003 8:00 60cc/h Qty: 0 	IV 301396	 		
Start: 06/16/2003 8:00 SPIRONOLACTONE 25MG AKA: ALDACTONE 25MG Stop: 07/16/2003 8:00 25mg po bid Qty: 0	PO 301400	09:00	21:00	
Start: 06/16/2003 8:00 TRICOR 54MG Cap AKA: Fenofibrate 54mg Stop: 07/16/2003 8:00 162mg (3 tabs) po qd auto sub for tricolor 160mg Qty: 0	PO 301398	09:00		

Comments: _____

Hospital Pharmacy Medication Administration Record

Room: 315 - 2 Age: 73 Years

Init	Signature	Init	Signature
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Patient ID: _____ Med Rec: _____
 Sex: Female CrCl: 0 ml/mi DOB: _____
 Physician: _____ Admitted: 06/15/2003
 Diagnosis: HYPERGLYCEMIA DM CRF
 Height: 66 in. 168 cm. Weight: 224 lb. 102 kg.
 Note: _____
 Allergies: NKA

Scheduled UD Orders	Route	07:00 - 14:59	15:00 - 22:59	23:00 - 06:59
Start: 06/16/2003 8:00 TRICOR 54MG Cap AKA: Fenofibrate 54mg Stop: 07/16/2003 8:00 162mg (3 tabs) po qd auto sub for tricolor 160mg Qty: 0	PO 301398	09:00		
Start: Stop Qty:				
Start: Stop Qty:				
Start: Stop Qty:				
Start: Stop Qty:				
Start: Stop Qty:				
Start: Stop Qty:				
Start: Stop Qty:				
Start: Stop Qty:				
Start: Stop Qty:				
Start: Stop Qty:				

Comments: _____

Diagnosis HYPERGLYCEMIA DM CRF
 Height: 66 in. 168 cm. Weight: 224 lb. 102 kg.
 Note:
 Allergies NKA

Scheduled UD Orders		Route	07:00 - 14:59	15:00 - 22:59	23:00 - 06:59
Start: 06/16/2003 8:00	TRICOR 54MG Cap AKA: Fenofibrate 54mg	PO	09:00		
Stop 07/16/2003 8:00	162mg (3 tabs) po qd auto sub for tricor 160mg	301398			
Qty: 0					
Start:	<i>6/19 Lantus 40 mg SQ qd</i>			<i>2100.</i>	
Stop	<i>WATS</i>				
Qty:					
Start:					
Stop					
Qty:					
Start:					
Stop					
Qty:					
Start:					
Stop					
Qty:					
Start:					
Stop					
Qty:					
Start:					
Stop					
Qty:					

Comments:

Hospital Pharmacy Medication Administration Record

Room: 315 - 2 Age: 73 Years

Init	Signature	Init		Signature
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Med Rec:
 Sex: Female CrCl: 0 ml/mi DOB:
 Physician: Admitted: 06/15/2003
 Diagnosis: HYPERGLYCEMIA DM CRF
 Height: 66 in. 168 cm. Weight: 224 lb. 102 kg.
 Note:
 Allergies: NKA

Scheduled UD Orders	Route	07:00 - 14:59	15:00 - 22:59	23:00 - 06:59
Start: 06/17/2003 10:00 ACTOS 30MG TAB AKA: PIOGLITAZONE 30MG TAB Stop 07/17/2003 10:00 45MG(1 & 1/2 TABS) PO QD Qty: 0	PO 301658	09:00		
Start: 06/16/2003 8:00 COUMADIN 7.5MG AKA: WARFARIN 7.5MG Stop 06/23/2003 8:00 Coumadin 7.5mg po daily Qty: 0	PO 301406		18:00	
Start: 06/16/2003 8:00 COZAAR 50MG AKA: LOSARTAN 50MG Stop 07/16/2003 8:00 50mg po bid Qty: 0	PO 301402	09:00	21:00	
Start: 06/17/2003 7:00 Insulin Humalog 100U/ML 10ML AKA: INSULIN LISPRO/NOVOLOG Stop 07/17/2003 7:00 SS "E" Sub Q, 60-140=0, 141-180=10, 181-220=12, 221-260=14, 261-300=16, 301-340=18, 341-380=20, 381-400=22, >400 Pull BS and Call Physician Qty: 0	SQ 301607	12 16w BS 2909	17 22u Sec BS 384	24 39u BS 22u 06 10u BS 15u
Start: 06/16/2003 8:00 LANOXIN 0.125MG AKA: DIGOXIN 0.125mg Stop 07/16/2003 8:00 Lanoxin 0.125mg po daily Qty: 0	PO 301405	13:00		
Start: 06/16/2003 8:00 LASIX 40MG TAB AKA: FUROSEMIDE_40MG_TAB. Stop 07/16/2003 8:00 40mg po qd Qty: 0	PO 301404	09:00		
Start: 06/16/2003 8:00 PREVACID 30MG AKA: LANSOPRAZOLE 30mg Stop 07/16/2003 8:00 30mg po qd Qty: 0	PO 301403	09:00		
Start: 06/16/2003 8:00 SOD.CHL.0.45% 1000ML The IV rate is 60 ml/hr. Stop 07/16/2003 8:00 60cc/h Qty: 0	IV 301396	08:00		00:00
Start: 06/16/2003 8:00 SPIRONOLACTONE 25MG AKA: ALDACTONE 25MG Stop 07/16/2003 8:00 25mg po bid Qty: 0	PO 301400	09:00	21:00	

Diagnosis: HYPERGLYCEMIA DM CRF

Height: 66 in. 168 cm. Weight: 224 lb. 102 kg.

Note:

Allergies: NKA

Scheduled UD Orders		Route	07:00 - 14:59	15:00 - 22:59	23:00 - 06:59
Start: 06/17/2003 10:00	ACTOS 30MG TAB AKA: PIOGLITAZONE 30MG TAB	PO	09:00		
Stop: 07/17/2003 10:00	45MG(1 & 1/2TABS) PO QD	301658			
Qty: 0					
Start: 06/16/2003 8:00	COUMADIN 7.5MG AKA: WARFARIN 7.5MG	PO		18:00	
Stop: 06/23/2003 8:00	Coumadin 7.5mg po daily	301406			
Qty: 0					
Start: 06/16/2003 8:00	COZAAR 50MG AKA: LOSARTAN 50MG	PO	09:00	21:00	
Stop: 07/16/2003 8:00	50mg po bid	301402			
Qty: 0					
Start: 06/17/2003 7:00	Insulin Humalog 100U/ML 10ML AKA: INSULIN LISPRO/NOVOLOG	SQ	12 ^{16u} BS 287	18 ^{22u} BS 396	24 ^{18u} BS 303
Stop: 07/17/2003 7:00	SS "E" Sub Q, 60-140=0, 141-180=10, 181-220=12, 221-260=14, 261-300=16, 301-340=18, 341-380=20, 381-400=22, >400 Pull BS and Call Physician	301607			oc OK BS 17
Qty: 0	<i>pull BS</i>				
Start: 06/16/2003 8:00	LANOXIN 0.125MG AKA: DIGOXIN 0.125mg	PO	13:00		
Stop: 07/16/2003 8:00	Lanoxin 0.125mg po daily	301405	AP 80		
Qty: 0	CHECK APICAL PULSE!!!				
Start: 06/16/2003 8:00	LASIX 40MG TAB AKA: FUROSEMIDE_40MG_TAB.	PO	09:00		
Stop: 07/16/2003 8:00	40mg po qd	301404			
Qty: 0					
Start: 06/16/2003 8:00	PREVACID 30MG AKA: LANSOPRAZOLE 30mg	PO	09:00		
Stop: 07/16/2003 8:00	30mg po qd	301403			
Qty: 0	**DO NOT CRUSH**				
Start: 06/16/2003 8:00	SOD.CHL.0.45% 1000ML The IV rate is 60 ml/hr.	IV	1445	16:00	
Stop: 07/16/2003 8:00	60cc/h	301396			
Qty: 0					
Start: 06/16/2003 8:00	SPIRONOLACTONE 25MG AKA: ALDACTONE 25MG	PO	09:00	21:00	
Stop: 07/16/2003 8:00	25mg po bid	301400			
Qty: 0					

Patient:

Room/Bed 315 - 2

Sex: Female

24 Hour Check By: —

Medication Administration Record:

Effective: (06/19/2003 07:00 - 06/20/2003 06:59)

Printed: 06/18/2003 17:38

Page: 1

Diagnosis HYPERGLYCEMIA DM CRF
 Height: 66 in. 168 cm. Weight: 224 lb. 102 kg.
 Note:

Allergies NKA

Scheduled UD Orders		Route	07:00 - 14:59	15:00 - 22:59	23:00 - 06:59
Start: 06/17/2003 10:00	ACTOS 30MG TAB AKA: PIOGLITAZONE 30MG TAB	PO	09:00		
Stop: 07/17/2003 10:00	45MG(1 & 1/2 TABS) PO QD	301658			
Qty: 0					
Start: 06/16/2003 8:00	COUMADIN 7.5MG AKA: WARFARIN 7.5MG	PO		18:00	
Stop: 06/23/2003 8:00	Coumadin 7.5mg po daily	301406			
Qty: 0					
Start: 06/16/2003 8:00	COZAAR 50MG AKA: LOSARTAN 50MG	PO	09:00	21:00	
Stop: 07/16/2003 8:00	50mg po bid	301402			
Qty: 0					
Start: 06/17/2003 7:00	Insulin Humalog 100U/ML 10ML AKA: INSULIN LISPRO/NOVOLOG	SQ	<i>18u qm</i> <i>Accuv 324</i>	<i>18</i> <i>Accuv</i>	<i>24</i> <i>Accuv</i> <i>06</i> <i>Accuv</i>
Stop: 07/17/2003 7:00	SS "E" Sub Q, 60-140=0, 141-180=10, 181-220=12, 221-260=14, 261-300=16, 301-340=18, 341-380=20, 381-400=22, >400 Pull BS and Call Physician	301607			
Qty: 0	<i>Accuv Q6^o</i>				
Start: 06/19/2003 10:00	Insulin Lantus 10ml Vial	SC	09:00 <i>dose 1</i>	<i>21</i>	
Stop: 07/19/2003 10:00	40UNITS SQ QD	302207			
Qty: 0					
Start: 06/16/2003 8:00	LANOXIN 0.125MG AKA: DIGOXIN 0.125mg	PO	13:00		
Stop: 07/16/2003 8:00	Lanoxin 0.125mg po daily	301405	<i>AP 70</i>		
Qty: 0	CHECK APICAL PULSE!!!				
Start: 06/16/2003 8:00	LASIX 40MG TAB AKA: FUROSEMIDE_40MG_TAB.	PO	09:00		
Stop: 07/16/2003 8:00	40mg po qd	301404			
Qty: 0					
Start: 06/16/2003 8:00	PREVACID 30MG AKA: LANSOPRAZOLE 30mg	PO	09:00		
Stop: 07/16/2003 8:00	30mg po qd	301403			
Qty: 0	**DO NOT CRUSH**				
Start: 06/16/2003 8:00	SOD.CHL.0.45% 1000ML The IV rate is 60 ml/hr.	IV	08:00		00:00
Stop: 07/16/2003 8:00	60cc/h	301396			
Qty: 0					
Start: 06/16/2003 8:00	SPIRONOLACTONE 25MG AKA: ALDACTONE 25MG	PO	09:00	21:00	
Stop: 07/16/2003 8:00	25mg po bid	301400			
Qty: 0					

Patient: _____ Room/Bed 315 - 2 Sex: Female 24 Hour Check By: _____
 Medication record: Effective: (06/20/2003 07:00 - 06/21/2003 06:59) Printed: 06/19/2003 17:25 Page: _____

Hospital Medication Administration Record

Patient:		Init	Signature
Patient ID:			
Sex:			
Physician:			
Diagnosis:			
Height:	kg	IM	CVC
Note:		SC	
Allergies:		IVPB	
MAR For: 6/17/03 - 6/18/03	Printed:	24 Hour Check By: <u>VP</u>	

	Route	07 to 1459	15 to 2259	23 00 - 0659
Start: SSI Schedule E. 60-140 OU		18	18 425	21 200
Stop: 141-180=10 181-220=12u 221-260=14u		BS 200	BS 22u	BS 12u
Stop Qty: 261-300=16u 301-340=18u 341-380=20u				BS 192
Start: 381-400=20u Humalog				
Stop: accu V Q60				
Stop Qty:				
Start: 6/17 Acton 45mg	PO	09		
Stop: daili		11		
Stop Qty:				
Start:				
Stop:				
Stop Qty:				
Start:				
Stop:				
Stop Qty:				
Start:				
Stop:				
Stop Qty:				
Start:				
Stop:				
Stop Qty:				
Start:				
Stop:				
Stop Qty:				
Start:				
Stop:				
Stop Qty:				

Comments: _____

Patient: _____ Room/Bed: _____ Sex: _____

Hospital Medication Administration Record

PAUCNC:

Signature

kg. IM CVC
SC
IVPB

Allergies:

MAR For:

Printed:

24 Hour Check By: _____

	Route	07 to 1459	15 to 2259	23 00 - 0655
Start: <i>6/19 Nitro 0.4g 1/50gr i q 3min S.C.P. prn</i> Stop: Stop Qty:		1425		
Start: Stop: Stop Qty:				
Start: Stop: Stop Qty:				
Start: Stop: Stop Qty:				
Start: Stop: Stop Qty:				
Start: Stop: Stop Qty:				
Start: Stop: Stop Qty:				
Start: Stop: Stop Qty:				
Start: Stop: Stop Qty:				
Start: Stop: Stop Qty:				
Start: Stop: Stop Qty:				
Start: Stop: Stop Qty:				
Start: Stop: Stop Qty:				

Comments:

Patient:

Room/Bed:

Sex:

Hospital Pharmacy Medication Administration Record

Room: 315 - 2 Age: 73 Years

Init	Signature	[Illegible]	Signature

Patient Id: _____ Med Rec: _____
 Sex: Female CrCl: 0 ml/mi DOB: _____
 Physician: _____ Admitted: 06/15/2003
 Diagnosis: HYPERTENSION DM CRF
 Height: 66 in. 168 cm. Weight: 224 lb. 102 kg.
 Note: _____
 Allergies: NKA

PRN Orders	Route	07:00 - 14:59	15:00 - 22:59	23:00 - 06:59
Start: 06/19/2003 15:00 NITROSTAT (SL) 0.4MG AKA: NITROGLYCERIN (SL)-0.4 MG Stop 07/19/2003 15:00 0.4mg sublingual q5min x3 doses prn chest pain If no results notify physician Qty: 3 **DO NOT CRUSH**	SL 302237			
Start: _____ Stop _____ Qty: _____				
Start: _____ Stop _____ Qty: _____				
Start: _____ Stop _____ Qty: _____				
Start: _____ Stop _____ Qty: _____				
Start: _____ Stop _____ Qty: _____				
Start: _____ Stop _____ Qty: _____				
Start: _____ Stop _____ Qty: _____				
Start: _____ Stop _____ Qty: _____				
Start: _____ Stop _____ Qty: _____				

Comments: _____
