

Case Study #3

72 year old male presents for evaluation for elevated creatinine and elevated potassium. Feels fatigued for the last 6 months, good appetite but nauseas at times. Reports that he has been wetting the bed for about 6 months. + Leg cramps at night. Denies use of NSAIDs or herbals. Daughter endorses elevated blood pressure for the last few months.

PMH: HTN

Medications include: Atorvastatin, Bisoprolol, Cholecalciferol, Aspirin; Ibuprofen for cramps

Blood pressure: 170/85

PE: A/Ox3, HEENT: mild periorbital edema, Lungs CTA, HRT, S1S2 RRR, Abd: +BS, distended

• Results as of 8/22/2015 22:01

	6/3/2013 10:25	12/23/2013 14:40	9/16/2014 12:02	10/7/2014 11:21	10/9/2014 10:52	10/9/2014 16:11	10/9/2014 22:45	10/10/2014 06:48	10/16/2014 06:12
GLUCOSE	97	93	83	94	101 (H)	111 (H)	116 (H)	95	101 (H)
SODIUM	136	137	141	137	135	135	136	136	140
POT	5.2	4.9	5.5 (H)	6.4 (HH)	6.2 (HH)	5.3	4.5	4.3	5.2
CHLORIDE	101	104	108	109 (H)	105	105	105	109 (H)	108
CO2	27	22 (L)	22 (L)	20 (L)	21 (L)	20 (L)	20 (L)	19 (L)	26
BUN	16	36 (H)	57 (H)	51 (H)	52 (H)	54 (H)	50 (H)	47 (H)	35 (H)
CREAT	1.6 (H)	2.8 (H)	3.9 (H)	3.7 (H)	3.9 (H)	3.9 (H)	3.7 (H)	3.4 (H)	2.8 (H)
CALCIUM	9.7	9.7	9.7	9.8	9.6	9.4	9.1	8.6	8.8
TPROTEIN	6.9	7.8	7.7						
ALBUMIN	4.2	4.7	4.6	4.2	4.4				

Results for CALLAHAN, LARRY (MRN 005397211) as of 8/24/2015 19:51

	12/23/2013 14:40	9/16/2014 12:02	10/9/2014 16:11
COLOR	YELLOW	YELLOW	YELLOW
APPEARANCE	CLEAR	CLEAR	CLEAR
SPEC GRAVITY	1.005	1.007	<=1.005
PH	5.5	6.0	6.0
PROTEIN	NEGATIVE	NEGATIVE	NEGATIVE
GLUCOSE	NEGATIVE	NEGATIVE	NEGATIVE
BILIRUBIN, URINE	NEGATIVE	NEGATIVE	NEGATIVE
NITRITE	NEGATIVE	NEGATIVE	NEGATIVE
KETONES	NEGATIVE	NEGATIVE	NEGATIVE
BLOOD	NEGATIVE	NEGATIVE	2+ (A)
UROBILINOGEN	0.2	0.2	0.2
LEUK ESTER	NEGATIVE	NEGATIVE	NEGATIVE
MUCOUS THREA			NONE SEEN
SQUAMOUS EPI	2	3	RARE
HYALINE CASTS	1	0	
BACTERIA	NEGATIVE	NEGATIVE	
WBC, URINE	0	1	0-5
RBC	0	0	0-4

Which of the following is the most likely diagnosis?

AIN

ATN,

Pre-renal Azotemia,

Post obstructive nephropathy