

NOCTURIA - DEFINED

Greater than, or equal to, $\boldsymbol{2}$ times during sleeping hours.

ONE TIME OR LESS IS CONSIDERED NORMAL, HOWEVER IT MAY BE UNCOMFORTABLE FOR SOME EVEN AT ONE TIME

SOME PATIENTS MAY BE FINE WITH WAKING UP 2 OR MORE TIMES AND IT DOESN'T RUIN THEIR QUALITY OF LIFE. (CAUTION – SYSTEM WISE IT COULD BE HURTING THEM)

ONCE YOU ESTABLISH IT IS AN ISSUE....



QUESTIONS TO ASK:

-HOW MANY TIMES?

- -LARGE OR SMALL VOLUME? (LARGE = FILL A URINE CUP; SMALL = FEW DROPS OR SO)
- -DO YOU WAKE BECAUSE YOU HAVE TO URINATE OR DO YOU WAKE DUE TO OTHER REASONS?
- ---NIGHTMARES PTSD, CHRONIC PAIN ARTHRITIS,

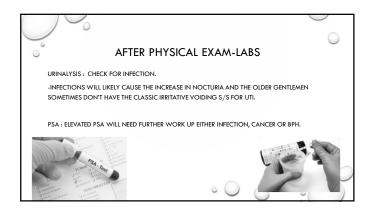
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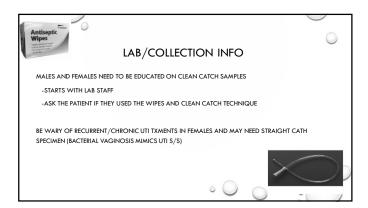
NEXT IN LINE-PHYSICAL TIME!

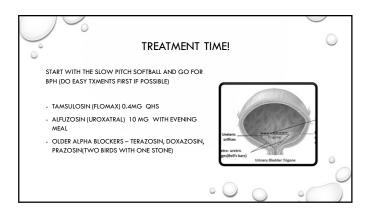
- 1. OH, THE DREADED DRE FOR MALES....
- 2. CHECK FOR LOWER EXTREMITY EDEMA
- 3. POST VOID RESIDUAL (PVR):
- DO WITHIN 20 MINUTES OF VOIDING. <50 ML IS CONSIDERED NORMAL



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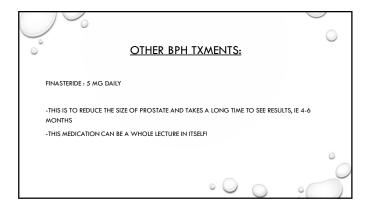


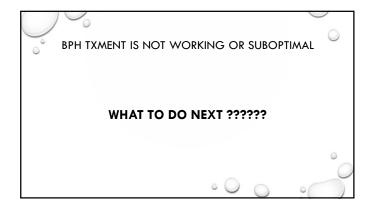


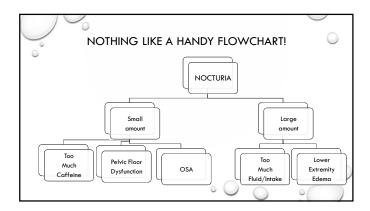


00	ALPHA BLOCKERS (CONT.)	0
	Tamsulosin (flomax) : 0.4 Mg – Starting. Can go to 0.8 Mg either (0.4 Mg bid) or at once	
	SIDE EFFECTS: DIZZINESS, RETROGRADE EJACULATION, RHINITIS, EXFOLIATIVE DERMATITIS,	
	DON'T HOLD BACK TRYING THE MEDICATION IF PATIENT HAS A SULFA ALLERGY	
	ALFUZOSIN (UROXATRAL): 10 MG - ONLY DOSE. NO ADDED BENEFIT DOUBLING THIS	
	SIDE EFFECTS: DIZZINESS, CONSTIPATION, (THIS MEDICATION WAS ORIGINALLY DEVELOPED	0
	TO HELP COMBAT RETROGRADE EJACULATION)	0

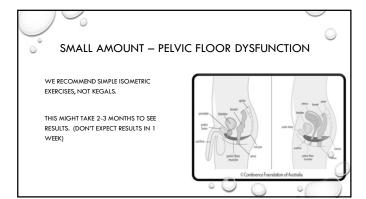
) 0	ALPHA BLOCKERS (CONT.)	
	SILODOSIN (RAPAFLO): 8 MG	
	SIDE EFFECTS: SIMILAR TO FLOMAX	
	NONSPECIFIC ALPHA BLOCKERS -TERAZOSIN : NEEDS TITRATING. BPH DOSING USUALLY 5 MG UP TO 20 MG	
	-DOXAZOSIN: NEEDS TITRATING. BPH DOSING USUALLY 4 MG OR 8 MG -PRAZOSIN: MAINLY USED FOR NIGHTMARES/PTSD, RAYNAUDS, OR HTN	
		0
	*** THE ABOVE NONSPECIFIC ALPHA BLOCKERS ARE GOOD IF YOU WANT DUAL THERAPY, IE ANTIHYPERTENSIVE AND BPH SYMPTOMS***	



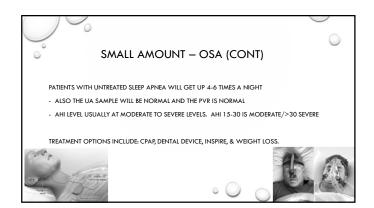








00	SMALL AMOUNT - OSA		
	USUAL S/S OF OSA NOCTURIA ASSOCIATED WITH OSA IS USUALLY 4 OR MORE TIMES AT NIGHT. ALSO ASSOCIATED WITH DAY TIME FREQUENCY		
	MOA: HYPOXIA LEADS TO INCREASED PULMONARY VASOCONSTRICTION, WHICH LEADS TO RIGHT ATRIAL PRESSURE INCREASES, WHICH LEADS TO INCREASE IN ANP (ATRIAL NATRIURETIC PEPTIDE), WHICH LEADS TO INCREASED SODIUM AND WATER EXCRETION. IF YOUR FALLY WANTED TO KNOW.		



LARGE AMOUNT – TOO MUCH FLUID INTAKE

We recommend no more than 8 oz of \mbox{TOTAL} fluids 3 hours prior to bed.

SO THE 6 PACK OF BEER IN THE EVENING SHOULDN'T CUT IT

REMEMBER TO INQUIRE ABOUT ALL FLUIDS, IE COFFEE, TEA, POP, WATER, ETOH, ETC...



LARGE AMOUNT - TOO MUCH FLUID INTAKE

BESIDE DRINKING PRIOR TO BEDTIME, OVERALL FLUID CONSUMPTION DURING THE DAY

-TOO MUCH WATER, TOO MUCH POP, TOO MUCH COFFEE, TOO MUCH
GATORADE/JUICES

- WE RECOMMEND ONLY 2 QUARTS A DAY OF TOTAL FLUID!
- IF PATIENT IS STONE FORMER, THEN 2.5 QUARTS PER DAY TOTAL FLUID.
- PUTTING 8 QUARTS OF OIL IN A 5 QUART ENGINE = LEAKAGE



LARGE AMOUNT - LOWER EXTREMITY EDEMA

VASCULAR INSUFFIENCY VS CONGESTIVE HEART FAILURE (CHF)

TX WITH DIURETICS, COMPRESSION SOCKS, LOW SALT

REMEMBER DOSING THOUGH! LASIX (STANDS FOR "LASTS SIX HOURS). NO DOSING PAST 2 PM OR SO.



	PEARLS	lithium 3 L I 6.941		
UNCONTROLLED DM CAN CAUSE NOCTURIA, BUT USUALLY BAD DIABETES MORE OF A DAY TIME FREQUENCY INSTEAD OF NOCTURIA				
2. CHRONIC LITHIUM USE CAN CAUSE DRUG INDUCED NEPHROGENIC DIABETES INSIPDUIS				
3. SSRI – THESE CAN BLOCK ADH SECRETION				
4. CCB - THESE CAN INCREASE ANP SECRETIONS AND BLOCK SODIUM REABSORPTION				
SLEEP AFFECTS				
-NHANES III STUDY FOUND ≥2 VOIDS/NIGHT WAS ASSOCIATED WITH WORSE SURVIVAL				
- WORSENING SLEEP LATENCY > 30MIN ASSOCIATED WITH > 2 RISK FOR DEATH				
- WATCH OUT FOR FAL	L RISKS AS WELL			

