

Chronic Medical Conditions and LUTS, Assessment and Management

W21, 29 August 2011 14:00 - 18:00

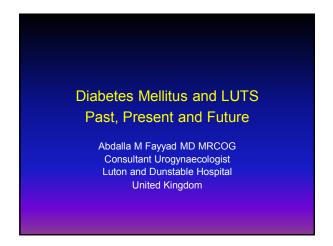
Start	End	Topic	Speakers
14:00	14:05	Introduction	Abdalla Fayyad
14:05	14:45	Managing LUTS in the elderly. Can we do better?	Adrian Wagg
14:45	15:15	Managing LUTS following stroke	Jalesh Panicker
15:15	15:30	Questions	All
15:30	16:00	Break	None
16:00	16:40	Management of LUTS in Multiple Sclerosis	 Jalesh Panicker
16:40	16:45	Questions	All
16:45	17:15	LUTS and Diabetes, past, present and future	Abdalla Fayyad
17:15	17:45	LUTS in Parkinsons disease. Assessment and	Jalesh Panicker
		Management	
17:45	18:00	Questions	All

Aims of course/workshop

This workshop provides delegates with update on the management of LUTS in patients with chronic medical conditions. Bladder care in medical conditions is generally ignored and mismanaged. Many doctors and nurses managing LUTS find it difficult to understand the relation between coexisting medical conditions and LUTS. Experts in the field will cover the effect of ageing, dementia and polypharamacy on the bladder. The workshop will also cover the management of LUTS in patients with stroke, Parkinson's diseas, multiple sclerosis and diabetes mellitius.

Educational Objectives

The workshop will cover the important topic of management of LUTS in chronic medical conditions. For many docotrs, nurses and physiotherapist, the relationship between LUTS and co-existing chronic medical conditions is poorly understand and LUTS are either ignored or the effect of disease or medications on bladder function is not appreciated. The aim of this workshop is to provide the delegates with update on the presentation, investigation and management of bladder dysfunction following stroke, and in patients with diabetes mellitus, multiple sclerosis and Parkinson's disease. The workshop will also cover the effect of ageing, dementia and polypharmacy on bladder dysfunction, and the optimum management strategies. We ran a similar workshop in the joint ICS-IUGA meeting in Toronto, where we had delegates from all over the world with very positive feedback.



LUTS in DM

- Scope of the problem
- · Help seeking behaviour
- Patient centred outcomes
- Aetiology
- Treatment
- Future

Received Wisdoms • Not putting the clocks back 'could reduce accidents and cut carbon emissions' Mail on Line 29th October 2010 Frimodt-Muller Frimodt-Muller

Scope of the problem

- Increasing
- Under reported
- Mismanaged









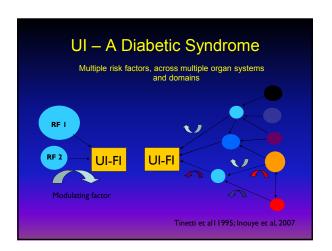
Help seeking behaviour:

 Incontinence was a normal part of ageing Incontinence is normal after childbirth
 There was no treatment
 Treatment does not fix the problem
 Treatment is risky or harmful

 Doshi et al 2010 J Urol

Diabetes and LUTS

- Prevalence
- Urine Production
- Voiding Dysfunction
- Decisions on treatment



- 42% prevalence of bothersome LUTS in DM
- Help Seeking behaviour

Bothersome Symptoms

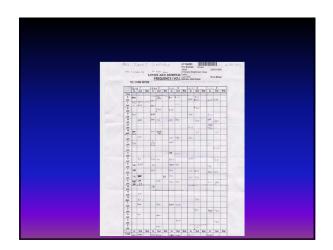
- Urgency Incontinence
- Urgency
- Nocturia
- Stress incontinence
- Voiding dysfunction!!

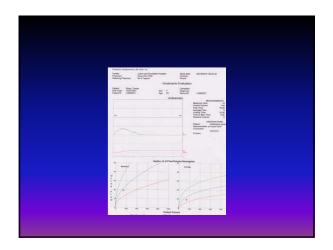
Fayyad et al Int Urogynecol J 2009

Urine Production

- 24 hour urine output
- Nocturnal urine output
- Max bladder capacity
- Average voided volume
- Incontinence episodes

Fayyad et al Neurourology and Urodynamics 2010





Voiding Dysfunction

- Frimodt Muller
- Increased 33%
- Degree of bother
- Neuropathy
- UTI
- Bladder wall thickness



Treatments

- · Who?
- · How?
- Counselling?

EGGS for Patient Centred Outcomes

- · Patient centred outcomes:
 - E: Expectations
 - G: Goals
 - G: Goal Setting
 - S: Satisfaction

Urinary Incontinence

- · Stress urinary incontinence
- Overactive bladder

Evidence based actions

- History
 - Comorbidity
 - Medications
- Examination and investigation
 - Functional assessment
 - Cognitive assessment
 - Depression screen
 - Urinalysis
 - Clinical stress test
 - Rectal examination for impaction/loading

- PVR compelling clinical experience for use in targeted patients
- recurrent UTIs
- medications that impair bladder emptying,
- chronic constipation
- previous high PVRPoor emptying and/or outlet obstruction Bladder diary
- Nocturia
- wet checks in long-term care residents

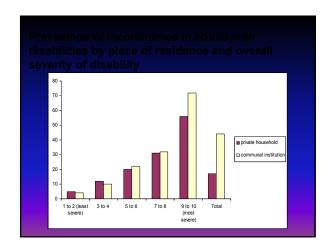
Biopsychosocial model of disease

• The kind of person that you are, the way you think about the world and the immediate environment influences the perception of your symptoms.



Environment

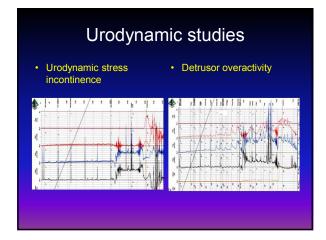
- Unfamiliar environment exacerbates incontinence e.g. home to hospital
- Sensory impairment, finding toilet, walking
- · Toilet mapping in unfamiliar surroundings.
- · Assistance of carers and carer availability.
- · Availability of suitable aids and adaptations.

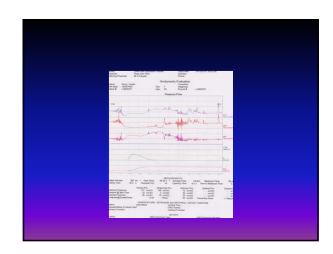


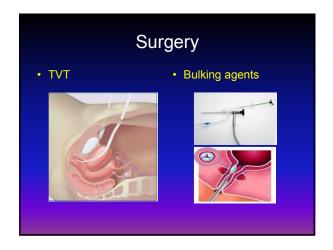
The brain

- Motivation to stay dry and bother reduced in Alzheimer and Lewy Body dementia
- Evidence of new incontinence in severe stroke (frontal lobe)
- Bladder drill is a behavioural activation (CBT) technique. Effects mediated as much centrally as on LUT.





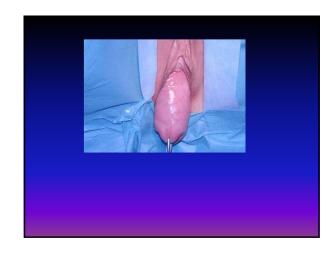






Decisions on treatments

- Diabetes Control
- Surgery
- Anticholinergics??
- Voiding dysfunction





Conclusion Diabetic cystopathy Bothersome symptoms: OAB wet Voiding Dysfunction Appropriate care package part of treatment A uncured patient may be perfectly satisfied. A clinically improved patient isn't always a satisfied patient

The Future?

- Prevalence in primary care?
- Help seeking behaviour
- Diabetes physicians?

Management

- Sugar control, short and long term?
- Anti-muscarinics? Gabapentin
- Botox, Neuromodulation
- Surgery for stress incontinence

