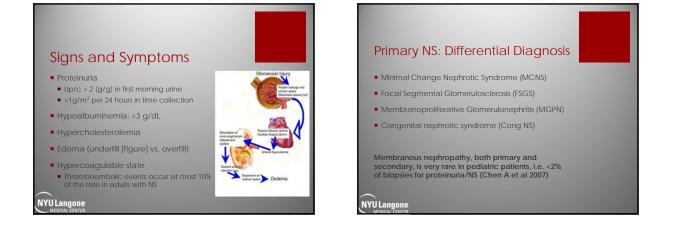
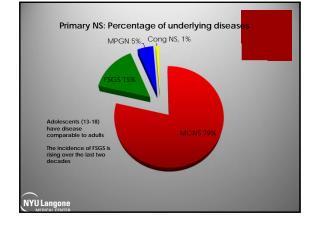
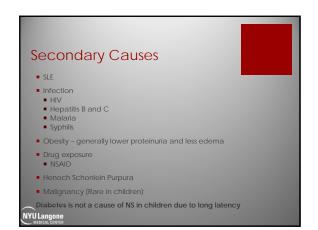


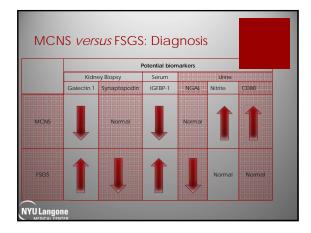
Pediatric Nephrotic Syndrome: Basic Information

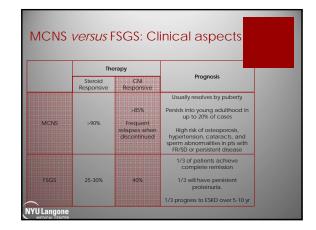
- Nephrotic syndrome (NS) reflects glomerular dysfunction causing proteinuria without compromising GFR
- Occurs at all ages but is most prevalent in children between the ages 1.5-6 years
- It affects more boys than girls, 2:1 ratio
- Most studies put the incidence at 2-7 per 100,000 population



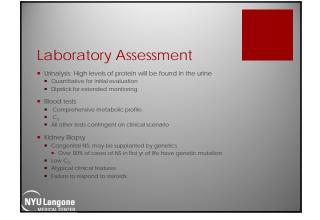


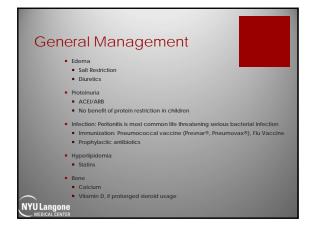


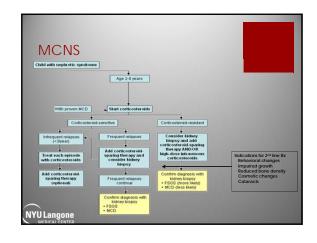




Gene	Discovered	Recessive (R)/Dominant (D)	Pediatric (P)/ Adult (A)	
Nephrin	1998	R	Р	
LMX1B	1998	D	А	
WT-1	1999	D	Р	
Podocin	2000	R	Р	
ACTN4	2000	D	А	
CD2AP	2000	R	Р	
TRPC6	2005	D	А	
PLCE1	2006	R	Р	
INF	2010	D	А	
COQ6	2011	R	Р	
MYO1E	2011	R	Р	
ARHGAP24	2011	D	A	







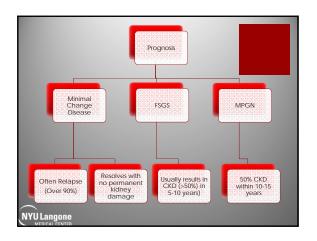
FSGS

NYU Langone

- Prednisone
- Cytotoxic agents ineffective
- Calcineurin Inhibitors only agents evaluated in controlled trials
- No benefit of mycophenolate mofetil combined with dexamethasone (FSGS CT, KI 2011)
- Need for novel approaches







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