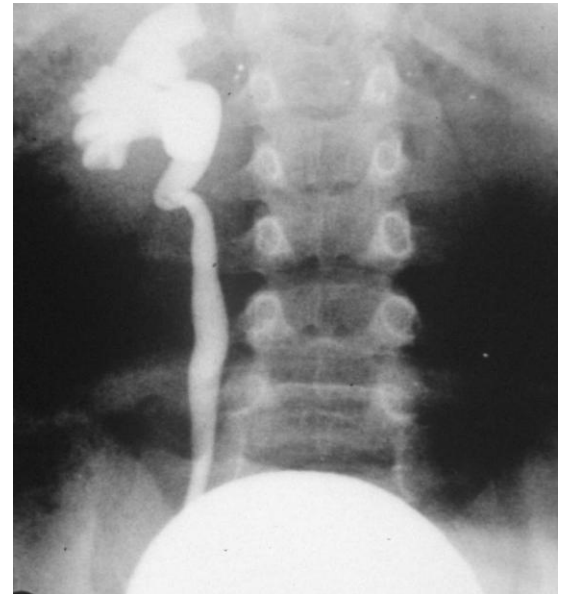
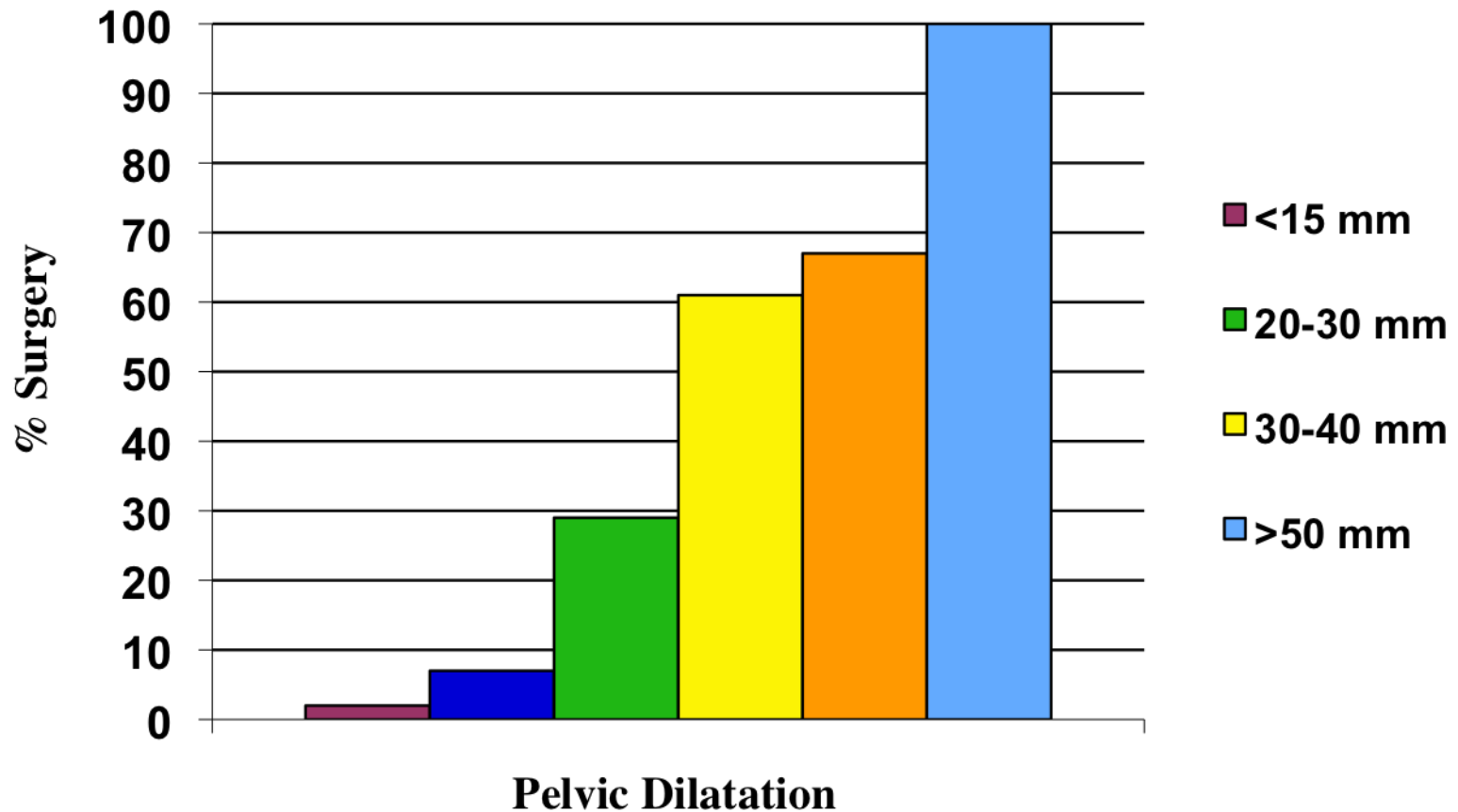
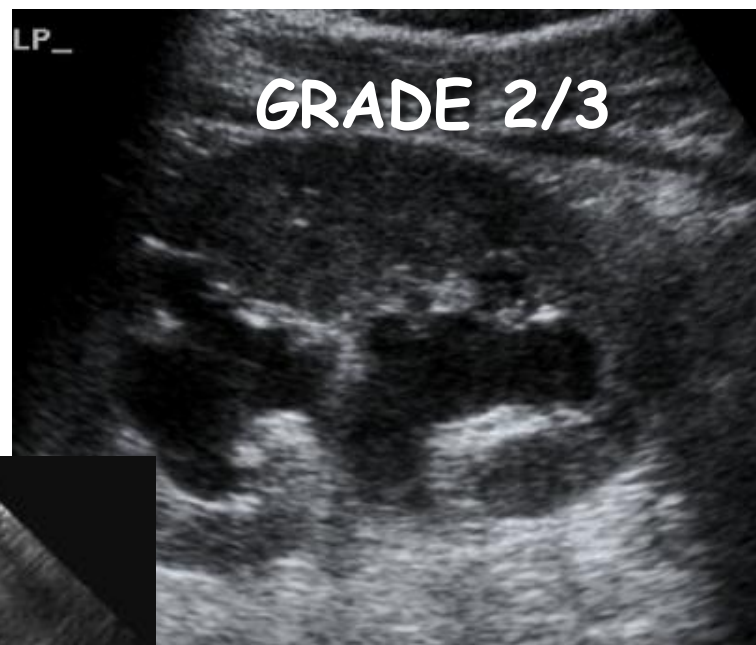
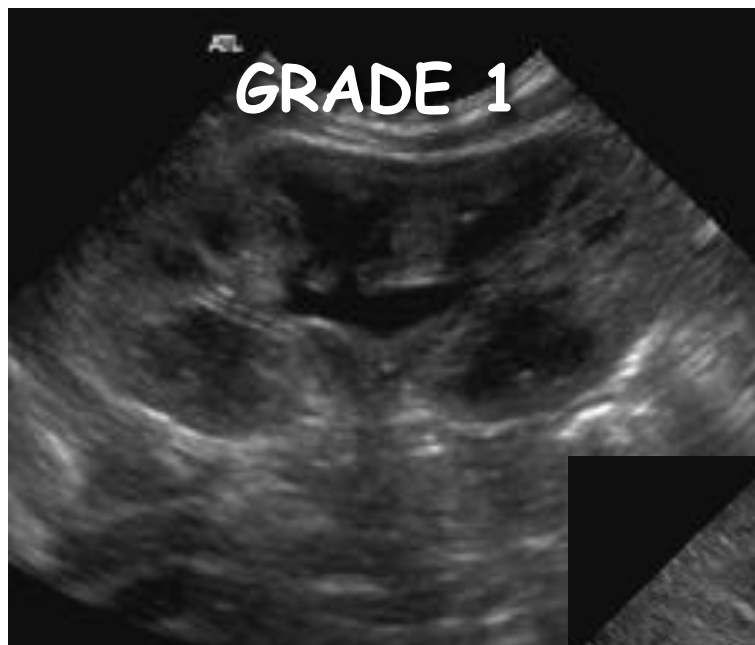




Unilateral PUJO – GOSH (Dhillon 1998)





Meta-analysis of SFU HN resolution

Sidhu *et al.*, Ped Neph 2006

Grade 1	all resolved
Grade 2	70 % resolved (98% of 1 & 2 stabilized)
Grade 3	27-89% stabilized
Grade 4	0-100% stabilized

Primary observation

Ulman et al., J Urol 2000

n = 104

22 % pyeloplasty (all < 18 mo)



A randomised trial

Palmer et al. J Urol 1998

n = 32

25% in conservative group crossed over to surgery

Later pyeloplasties?

Ismail et al. J Urol 2006

n = 234

22% early pyeloplasty

25% delayed (18 months!) pyeloplasty

a little bit more...

Chertin et al, Eur Urol 2006

n= 343

179 (52%) operated

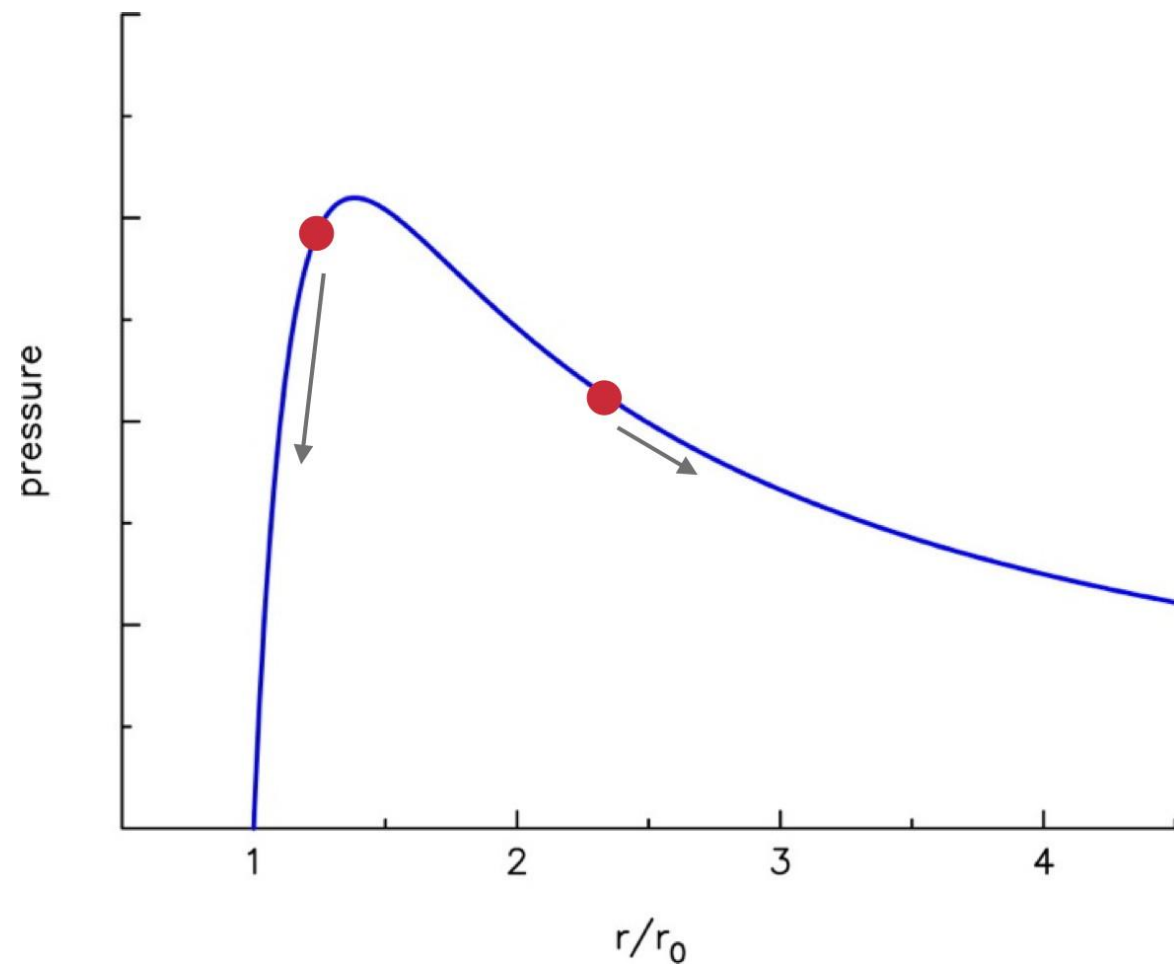
2 (1%) 'delayed' pyeloplasty were >4 y

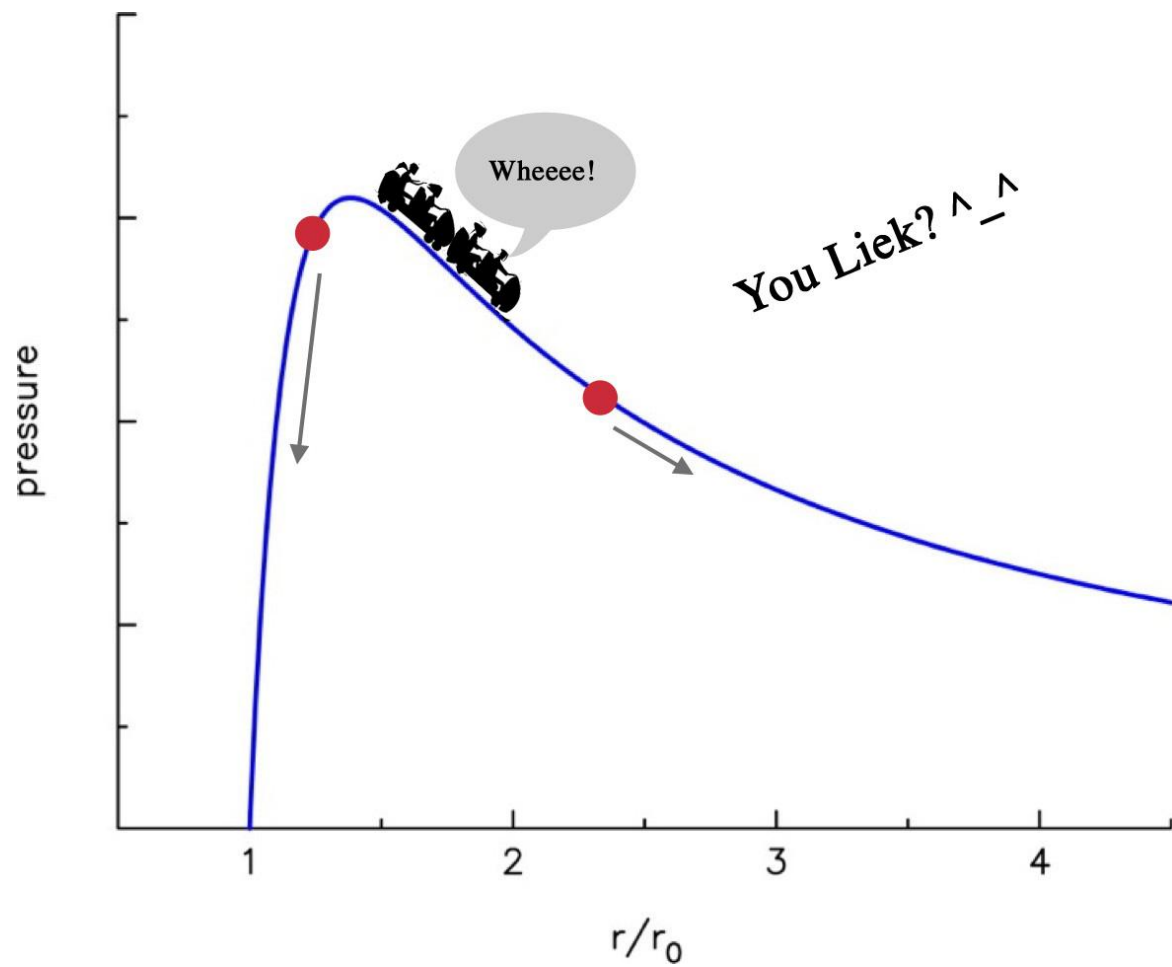
Amalgamated results

in Thomas, J Ped Urol 2010

41% in unpublished GOSH study came to pyeloplasty

SFU grade 4: 50/50 pyeloplasty





Conclusions

Hydronephrosis does not mean obstruction

Observation does not mean doing nothing

We don't know the long term

Primum non nocere

The Engineers Mission Statement:
If it isn't broken; it does
not have enough
features..



som^{ee}cards
user card