

Childhood Immunisation

A GP perspective

Dr Liam Dalton

GP Mullingar

April 08



History of vaccinations

- 1880's
- Pasteur / Jenner / Koch
- Vaccination – disease linked to specific organism
- Development of vaccines (smallpox/Antrax)
 - 1980 elimination of smallpox (WHO)
 - 1991 elimination of polio from the Americas

Practice system

- Computer details – *address, D.O.B. etc*

- Details review each visit

- Cold chain – *delivery, storage*

- Personnel involved:

designated key person (Una, Olga)

Agreed protocol by Dr, nurse & admin staff

Regional co-ordinator

Practice systems contd.

- Discussion re vaccination-antenatal & postnatal
- Flexibility – opportunistic - no dedicated sessions
- High threshold for deferrals - minor illness, prematurity etc.
- Important elements of appropriate record system
- Monthly returns
- Cross check against monthly Health Board report
- Identification of overdue vaccines/defaulters – plan of action
- Incentives

New Schedule 2008 (GP)

- children born on or after 1st July 2008

- 2 months 6 in 1 + PVC
- 4 months 6 in 1 + Men C
- 6 months 6 in 1 + PCV + Men C

- 12 months MMR + PCV
- 13 months Men C + Hib

Children born before 1/7/08 continue with old schedule

Changes in new schedule include

- Addition of pneumococcal vaccine
- Replacing 5 in 1 with 6 in 1 (to include Hep B vaccine)
- Change in timing of Men C
- Change in timing of Hib


To commence on 1st Sept '08

Catch up for PCV from 1st Sept. '08

- PCV vaccine only
- For all children > 2 months & < 24 months on 1/9/08
- Continue with old schedule & give PCV as per table

Age in months	Number of doses	Age for vaccine
>2 – 6	2	6, 13
>6 – 13	1	13
>13 - < 24	1	Called in monthly cohorts

Implications for practice

- Extra visit – 5 v's 4 currently
 - Education – staff & parents
 - Updating of consent form
 - Updating of computer schedule
- 

Premature Babies

- More at risk from Vaccine-preventable diseases
- Should have vaccinations carried out according to its birth date (chronological age)
- May start their vaccinations in hospital

Asylum seekers/late entrants

- Children who are not immunised and older than the recommended age range should be immunised as soon as possible
- The number of Hib and Men C doses required depends on the child's age
- Hib vaccine should be given to all those unvaccinated under 5 years
- Meningococcal group C vaccine to all those unvaccinated under 23 years of age
- See National Guidelines / NIO website
 - www.immunisation.ie

IMMUNISATION UPTAKES (%) QUARTER 3, 2007 AT 12 MONTHS AND 24 MONTHS
COHORT BORN 01.07.2005 - 30.09.2005 (24 MONTHS)
COHORT BORN 01.07.2006 - 30.09.2006 (12 MONTHS)

	5 in 1		MEN C		MMR
	12M	24 M	12 M	24 M	24 M
DR. DALTON'S PRACTICE	96%	100%	96%	100%	100%
* FORMER MHB	93%	97%	93%	97%	95%
* IRELAND	87%	92%	92%	92%	88%

* Reference – Health Protection Surveillance Centre Report Q3 – 2007.

➤ ***Thank you for your time***

