

Beneficial Results of Vaccination in Schools in England.

One of the latest examples which illustrates the beneficial effects of vaccination occurred in a school at Ossett near Wakefield, England, in the fall of 1904. On October 27th, the master observed a girl aged 11 in class room A, class standard IV, with a suspicious rash on the face and hands. The M. O. H. was immediately notified and he diagnosed smallpox and removed the girl to the hospital. There evidently had been considerable exposure and the results of the sowing of the seed upon vaccinated and unvaccinated ground is shown as follows:—

Room or Class.	UNVACCINATED SCHOLARS.		VACCINATED SCHOLARS.		TOTAL SCHOLARS.	
	Taking Small-pox.	Escap- ing.	Taking Small-pox.	Escap- ing.	Taking Small-pox.	Escap- ing.
Room A (Standard IV) }	8	0	0	8	19	19
(Remainder of Room A.....) }	12	2	5	17	23	25
Room B.....	13	30	0	13	31	61
Room C.....	4	8	0	4	14	22
Total.....	37	49	5	87	42	127
	77		92		169	

The interesting features of this accidental experiment are:—

- (1) Every unvaccinated scholar in Standard IV developed Smallpox, while every vaccinated one escaped.
- (2) Of the 42 pupils in the remaining classes in Room A, twelve out of the fourteen unvaccinated went down with the disease.
- (3) Of the five vaccinated who were attacked all were over 11 years of age, and none of them had been revaccinated.
- (4) None of the revaccinated were affected.
- (5) In Room B, 31 were vaccinated and 43 unvaccinated, all the former escaped while, 13 of the unvaccinated took the disease.
- (6) Of the 26 scholars aged 6 to 9 years in Room C, 14 were vaccinated and 12 unvaccinated, while the former escaped, yet 4 of the unvaccinated took smallpox. Several similar instances have occurred in the writer's experience in rural schools in Ontario.

Protection of Doctors and Attendants of Smallpox Hospitals.

The effects of vaccination and revaccination in protecting medical men and nurses in charge of Smallpox Hospitals has so frequently been misrepresented that a few words upon the subject may be acceptable to the reader. If these vaccinated persons who live amongst and are brought intimately into contact with smallpox patients, escape the constant and repeated exposures to the infection, it may very justly be claimed that the cause of vaccination has been greatly strengthened,

London, Birmingham, Philadelphia.

The following are among many similar experiences. During 1876-79 there were admitted 11,412 smallpox cases to the London Hospitals, the