

The Immunological Basis for Immunization Series

Module 14: Cholera

Immunization, Vaccines and Biologicals



**World Health
Organization**

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Contents

<i>Abbreviations and acronyms</i>	<i>v</i>
<i>Preface</i>	<i>vii</i>
1. <i>Vibrio cholerae</i> and cholera	1
1.1 <i>Classification</i>	1
1.2 <i>Global burden</i>	2
1.3 <i>Endemic cholera</i>	3
1.4 <i>Epidemic cholera</i>	3
1.5 <i>Imported cholera cases</i>	3
2. The nature of immune response against cholera	4
2.1 <i>Immunity acquired from natural infection</i>	5
2.2 <i>Intrinsic factors influencing the outcome of exposure</i>	6
2.3 <i>Antibacterial immunity</i>	7
2.4 <i>Antitoxin immunity</i>	8
2.5 <i>Non-specific defense mechanisms</i>	8
2.6 <i>Cell-mediated immune response</i>	9
3. Protective antibodies to <i>V. cholerae</i> antigens	10
4. Immunological memory	12
5. Assays to measure serum and mucosal antibody responses	13
5.1 <i>Serum vibriocidal antibodies</i>	13
5.2 <i>Antibody secreting cells (ASCs)</i>	13
5.3 <i>LPS-specific sIgA antibodies</i>	13
5.4 <i>Anti-CT antibodies</i>	13
6. Nature of immune response following vaccination	15
6.1 <i>Post-vaccination serum antibody profile</i>	15
6.2 <i>Extent of immunity after vaccination</i>	16
6.3 <i>Status of immune response in age, sex and socioeconomic groups</i>	16
6.4 <i>Placental passage and passive immunity following immunization</i>	17
6.5 <i>Role of various adjuvants in potentiation of cholera immune response</i> ..	17
7. Efficacy of cholera vaccines	18
7.1 <i>Parenteral WC-killed vaccines</i>	18
7.2 <i>Oral killed WC vaccines</i>	18
7.3 <i>Oral modified live vaccines</i>	19
7.4 <i>Currently licensed cholera vaccines and doses</i>	19

8.	New cholera vaccines in development.....	21
9.	Safety of cholera vaccines.....	22
9.1	<i>Safety to humans</i>	22
9.2	<i>Environmental safety</i>	22
10.	Post-genomic future generation cholera vaccines	23
	References	24

Abbreviations and acronyms

ADCC	antibody-directed cell-mediated cytotoxicity
ASC	antibody secreting cell
CFU	colony-forming unit
CMRI	cell-mediated immune response
CT	cholera toxin
CTA	cholera toxin A subunit
CTB	cholera toxin B subunit
ELISA	enzyme-linked immunosorbent assay
ELISPOT	enzyme-linked immunospot
GALT	gut-associated lymphoid tissue
HIV	human immunodeficiency virus
IEC	intestinal epithelial cell
LPS	lipopolysaccharide
MSHA	mannose sensitive haemagglutinin
OCV	oral cholera vaccine
OMP	outer membrane protein
O-SP	oligosaccharide part of LPS
RITARD	removable intestinal tie adult rabbit diarrhoea
sIgA	secretory immunoglobulin A
TCP	toxin-coregulated pilus
TI-1	T-cell independent type 1 cells
TLR4	Toll-like receptor 4
WC	whole-cell
WC-CTB	whole-cell-cholera toxin B
WC-rCTB	whole-cell-recombinant cholera toxin B

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