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Travel medicine : knowledge, attitude, practice and immunisation

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**Travel Medicine:
Knowledge, Attitude, Practice
and Immunisation**

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Chapter outline

The general introduction provides background information to the field of travel medicine from a historical, public and medical point of view.

Chapter one describes the effect of a malaria prevention programme and performance of self-diagnosis and standby treatment of malaria in long-term travellers to malaria endemic regions.

Chapter two describes the travel-health preparations and travel-related morbidity of kidney transplant recipients travelling to developing countries.

Chapter three reports on infectious complications in travellers with diabetes (insulin and non-insulin dependent), and their use of antibiotics in case of disease occurrence.

Chapter four reports on the immune response in healthy elderly elicited by the live attenuated yellow fever vaccine. The response in elderly is compared to the response in younger vaccinees.

Chapter five addresses the intradermal Hepatitis B vaccination after topical application of an immunostimulant ointment, as a method to augment the immune response in previously non-responders to the vaccine.

Chapter six describes the non-inferiority of intradermally administered yellow fever vaccine at a reduced dose (0.1ml) compared the the conventional subcutaneous dose (0.5ml), in order to reduce the dose needed to elicit protective immunity.

Chapter seven focuses on the intradermal test dose of yellow fever vaccine in individuals with egg allergy who develop a local skin reaction to the vaccination.

Chapter eight reports on the immunity and safety of the intradermal inoculation route for pre-exposure primary and booster rabies vaccination with a purified chick embryo cell vaccine (PCECV).

The general discussion elaborates on the clinical perspectives of the studies concerning different types of travellers, on the immunology underlying the different routes of vaccination and different types of vaccines, and contemplates on future perspectives in research concerning Travel Medicine.

