



Odyssey VillageAssess



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The Odyssey range

- **Avia Health Informatics** provides rapid, safe assessment and advice through **Odyssey**, our pre-diagnostic clinical decision support software
- Odyssey is fast, user friendly, clinically thorough and safe; it also improves record keeping
- Odyssey is proven to improve the efficiency of clinical resources, reduce risk and ultimately save money
- Odyssey is developed and sold in the UK by Plain Healthcare Ltd, a wholly-owned subsidiary of Avia Health Informatics Plc



The Odyssey range

- Designed by clinicians for use by clinicians and non-clinicians
- Rapid, safe pre-diagnostic assessment and advice
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Odyssey delivers

- Decision support based on Bayesian logic which emulates human decision-making
 - 15 years of continuous development
 - c.1m words of clinical content across the Odyssey range
- Used to successfully assess over 15 million patients





Extensive Clinical Content

- Covers full range of acute presentations, covers all ages, males and females
- Each question set includes urgency, differential diagnoses, self care, first aid, educational text and references
- In-house multi-disciplined clinician team led by Prof. Jeremy Dale of Warwick University, plus international customer base
- Evidence-based clinical content/peer-reviewed best practice
- Regular reviews and updates of all content



Medical priorities of remote populations

- Ensuring access to the best possible care for the population
- Maternal and child health
- Support for care providers working in remote villages and locations
- Effective record of injuries and medical conditions – to help identify trends and risks
- Thorough, safe assessment of clinical conditions
- Avoidance of unnecessary transport outside the community
- Identifying and management of common illnesses and injuries that may require higher level intervention
e.g. pneumonia, malaria, TB, fractures

Recommended solution is
Odyssey VillageAssess...





Odyssey VillageAssess

- Part of the Odyssey MobileAssess range
- Mobile technology on PCs, tablets and mobile devices
- Designed specifically for use in remote locations to support care providers with limited or no clinical expertise
- Helps give the best possible advice and care at all times, even in remote locations





Odyssey VillageAssess

- Ensures the best possible care and advice for the population
- Up-skills and supports on-going education and development of village health care workers
- Supports best use of available health care services and resources
- Provides synchronised clinical summaries for health professionals outside the village if needed, to support continuity and making best use of resources



Odyssey VillageAssess

- Clinicians in towns/cities can support care providers and patients
- Highly intuitive, requires very little training or technical support
- Functionality to assess in one language and output in another
- Advice is always appropriate and up to date
- Region specific content to ensure relevance



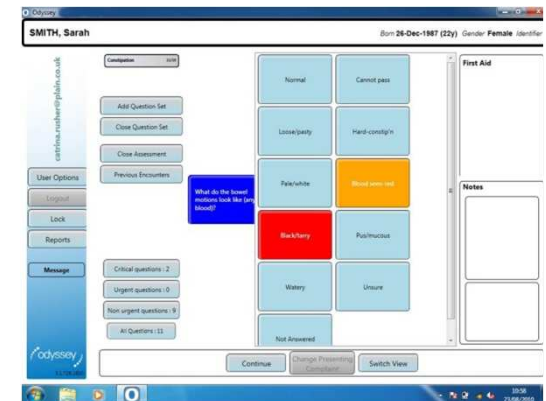


Technology

Microsoft
CERTIFIED
Partner

ISV/Software Solutions

- “Rugged” mobile tablet PC application (backup battery pack fail safe?)
- Application takes full advantage of cutting-edge Microsoft technologies
- Intuitive touchscreen user-display technology (via Windows accessibility)
 - WPF is the richest UI experience technology from Microsoft
- User-switchable multiple-language support designed into the product from the outset
 - Content
 - User-Interface
- Online/offline (“Occasionally Connected”)
 - Assessment *anywhere* by non-clinicians - totally independent of network connectivity
 - Data synchronisation with HQ allowing review by clinicians, reporting by administrators (robust, guaranteed delivery etc.)





Client Support Services

- 24 /7 technical support available
 - Global support via telephone
 - Application maintenance remote management from port
 - Cloud supported deployments for ease of administration
 - Highest levels of data security maintained





Summary of Benefits of Odyssey VillageAssess

- *Patient* consistent assessment; reassuring; evidence-based advice & education to empower patient for the future
- *Care provider:* 24/7 clinical support; guided assessment and decision-making; education to empower the provider of care
- *VSO/NGO/Government:* improved health of the population; cost-effective solution, up-skills auxiliary/paramedic village care worker; supports best use of available health care services; supports communication of medical information to health professionals outside the village where needed