



Pharmacogenetics in Practice - Clinical Examples



National Genetics Education and Development Centre

In many areas of clinical practice, pharmacogenetics information is used to guide decision making. Our pharmacogenetics education programme should be relevant to all health professionals interested in prescription or usage of drugs. A series of factsheets, resources, and further information is available at www.geneticseducation.nhs.uk/pgx

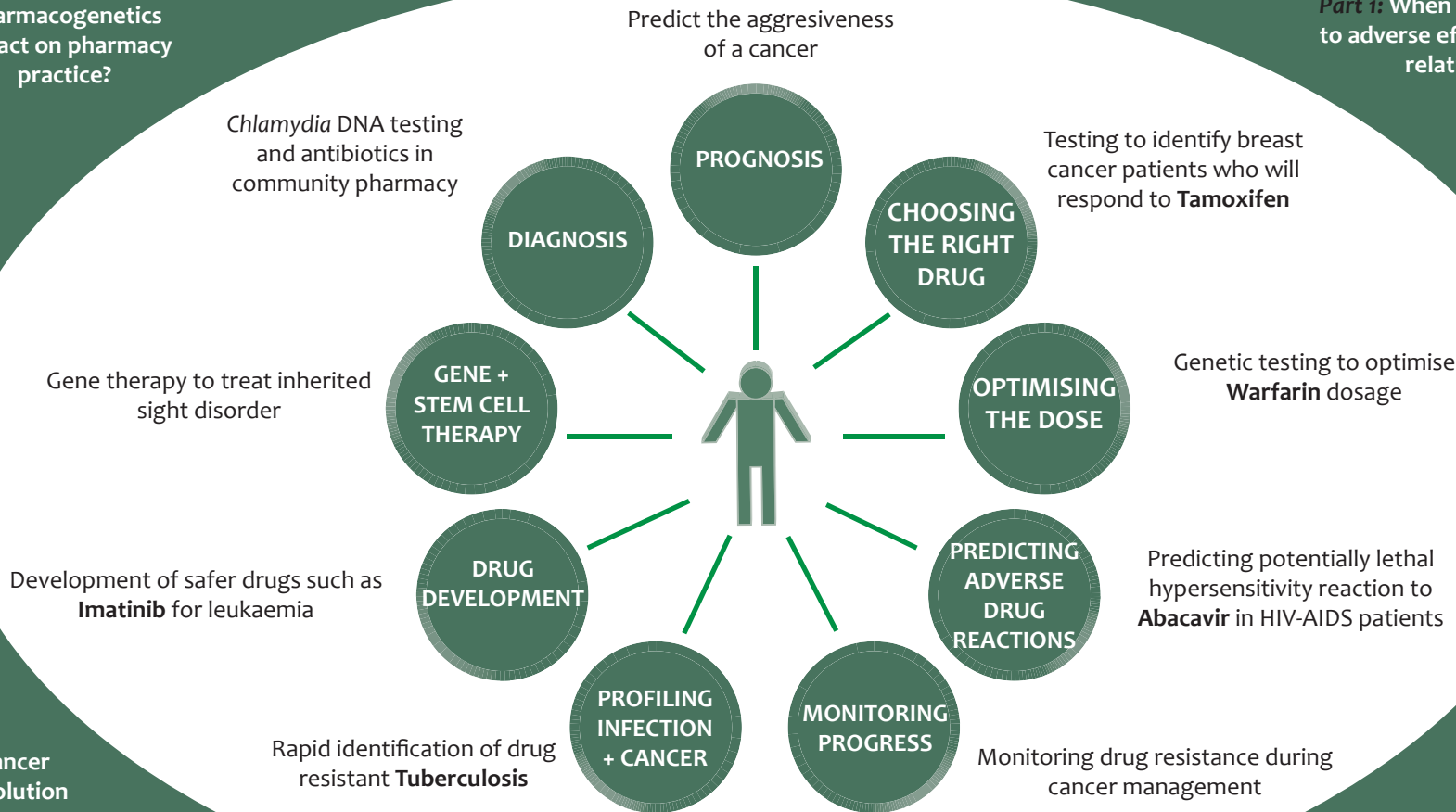
Report: How will pharmacogenetics impact on pharmacy practice?

Part 1: When usual doses lead to adverse effects: Dose level relationships

Part 7: Genomics, stem cells and regenerative medicine

Part 6: Pharmacogenetic Testing

Part 4: Gene therapy



Part 2: When usual doses lead to adverse effects: Polymorphisms of metabolic enzymes

Part 3: The cancer treatment revolution

Part 5: Genotyping the invader and developing new vaccines

Part 8: Gene expression signatures

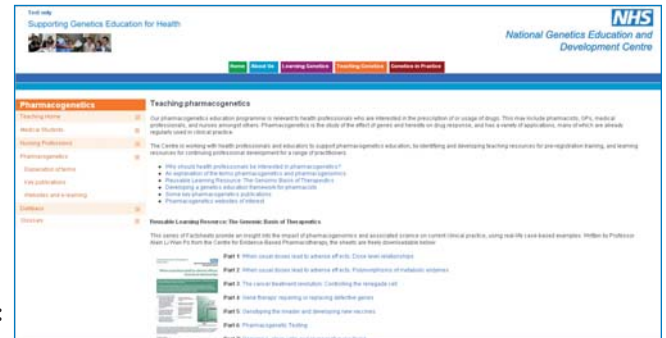


Supporting pharmacogenetics education

The Centre supports pharmacogenetics education for health professionals by identifying and developing resources for pre-registration training and continuing professional development.

www.geneticseducation.nhs.uk/pgx

Our web pages provide free access to resources and information :



- **Clinical examples of current pharmacogenetics applications**
- **Resources: 'The Genomic Basis of Therapeutics Series'**
- **Reports:**
 - Implications for Pharmacy practice
 - Pharmacogenetics education report with the Royal Pharmaceutical Society of Great Britain
- **Reference section:**
 - Glossary
 - Key pharmacogenetics publications relevant to clinical practice and education
 - Links to pharmacogenetics e-learning and website
- **Regular updates**

The website is regularly updated by adding new resources and highlighting new publications and information.

The NHS National Genetics Education and Development Centre

The Centre works with UK and international groups to facilitate integration of appropriate genetics and family history information into education and training for all health professions, including medicine, nursing, pharmacy and dietetics. Our website contains searchable databases of resources and courses specific to the roles of those teaching genetics, or learning about genetics knowledge in practice.

The Centre would like to hear from any group or individual with suggestions on how to improve our website, or to comment on our report on pharmacogenetics in clinical practice, or on genetics education in general. Please contact:

Dr Jim Lithgow, Education Development Officer
 NHS National Genetics Education and Development Centre
 Morris House
 c/o Birmingham Women's NHS Foundation Trust
 Birmingham
 B15 2TG

Email: enquiries@geneticseducation.nhs.uk
 Tel: 0121 623 6803

