



## First FRCR Examination – Clinical Pharmacology module List of Anti-Cancer Drugs

This supporting document sets out a list of drugs expected to be covered during core clinical oncology training and which may be included in the clinical pharmacology module of the First FRCR examination. It is anticipated that this will be reviewed regularly to ensure current practice is reflected.

The list sets out drugs from all the major classes. Trainees are expected to demonstrate their knowledge of these drugs in terms of their indications, and all aspects of these drugs as defined in Appendix 2, sections 2.1-2.5 and 2.7 of the specialty training curriculum - “Underpinning Scientific Principles”.

This version will apply to examinations held from **autumn 2019** until a further version is published.

*NB – for completeness, candidates are advised that the Final FRCR Examination may feature any drug in common clinical use and any drug that is NICE-approved.*

### **Cytotoxic agents**

#### **Alkylating agents**

- Cyclophosphamide
- Ifosfamide
- Temozolomide

#### **Anti- Metabolites**

- Capecitabine
- 5- Fluoro Uracil
- Gemcitabine
- Methotrexate
- Pemetrexed
- Trifluridine-tipiracil

#### **Anti-Tumour Antibiotics**

- Bleomycin
- Doxorubicin ( + pegylated liposomal)
- Epirubicin
- Mitomycin

### **Plant Alkaloids/ Microtubule Inhibitors**

- Cabazitaxel
- Docetaxel
- Eribulin
- Etoposide
- Irinotecan
- Paclitaxel
- Vincristine
- Vinorelbine

### **DNA Linking Agents**

- Carboplatin
- Cisplatin
- Oxaliplatin

### **Biological Agents + Targeted Agents**

- Afatinib
- Bevacizumab
- Cabozantinib
- Cetuximab
- Crizotinib
- Denosumab
- Erlotinib
- Gefitinib
- Imatinib
- Nintedanib
- Olaparib
- Osimertinib
- Palbociclib
- Pazopanib
- Pertuzumab
- Rituximab
- Sunitinib
- Sorafenib
- Trametinib and Dabrafenib
- Trastuzumab

- Trastuzumab emtansine (TDM-1)

### **Bisphosphonates**

- Pamidronate
- Zoledronic acid

### **Immunotherapy**

- Ipilimumab
- Nivolumab
- Pembrolizumab

### **Hormones/other**

- Abiraterone
- Anastrozole
- Buserelin
- Degarelix
- Exemestane
- Letrozole
- Medroxyprogesterone
- Octreotide
- Tamoxifen
- Anti-androgens - Bicalutamide, Cyproterone acetate, Enzalutamide
- LHRH agonists - Goserelin, Leuprolin, Triptorelin