

## Treatment Options

Chemical substances (drugs) are used to kill or slow down cancer cells generally via chemo or by specifically targeting unique functions of the tumour. Usually combinations of drugs are used to target the different characteristics of the cancer. The downside is that there are many side effects to these drugs.

You can either choose a clinically approved drug with known outcomes and side effects or if none are ideal for your patient, then you can enroll them in a clinical trial for drugs that are currently being tested.

<b>Clinically Approved Drugs</b>	<b>Mechanism of Action</b>
Drug A	Inhibits mitotic spindle assembly thus interferes with cell division
Drug B	Works by blocking the growth of new blood vessels
Drug C	Kills cancer cells by damaging their genes and interfering with their reproduction and growth
Drug D	Binds to the active site of HER2 inhibiting this receptor
Drug E	Induces apoptosis in cancer cells and inhibits cell division

<b>Drugs in Clinical Trials</b>	<b>Mechanism of Action</b>
Drug I	Chemotherapeutic patch that delivers a continuous dose of a drug which inhibits cell growth
Drug II	Molecule administered in the form of an oral pill that irreversibly binds to the receptor involved in initiating cell migration and invasion
Drug III	Said to have the same effect as Drug C with fewer side effects