## Chemotherapy Sequencing Guide — For therapies given on the same day

### *OPTIMAL SEQUENCE* DIRECTIONS FOR USE

1. Match chemotherapy agents from either the top or side columns.
2. First initial(s) of each agent used to explain sequence.
3. Determine the order of “optimal sequence” as demonstrated in the following example:
4. Letter(s) under optimal sequence, T, E, or PK refers to an interaction. Refer to INTERACTION LEGEND at right.

### INTERACTION LETTERS

- **T** = TOXICITY related interaction can be avoided
- **E** = EFFICACY related interaction happens
- **PK** = PHARMACOKINETIC related interaction
- Empty Box = denotes a lack of evidence in the literature.

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### Bevacizumab
- **Bevacizumab**
  - **Bleomycin**: No Effect
  - **Carboplatin**: No Effect
  - **Cisplatin**: No Effect
  - **Cyclophosphamide**: No Effect
  - **Cytarabine**: No Effect
  - **Dacarbazine**: No Effect
  - **Docetaxel**: No Effect
  - **Doxorubicin**: No Effect
  - **Epirubicin**: No Effect
  - **Etoposide**: No Effect
  - **Fludarabine**: No Effect
  - **Fluorouracil**: No Effect
  - **Gemcitabine**: No Effect
  - **Ifosfamide**: No Effect
  - **Irinotecan**: No Effect
  - **Leucovorin**: No Effect
  - **Liposomal Doxorubicin**: No Effect
  - **Mitomycin**: No Effect
  - **Paclitaxel**: No Effect
  - **Pemetrexed**: No Effect
  - **Pralatrexate**: No Effect
  - **Topotecan**: No Effect
  - **Vinblastine**: No Effect
  - **Vinorelbine**: No Effect

**Optimal Sequence**

**Recommended orders**

**Bevacizumab**

- **Bleomycin**: Bevacizumab, Bleomycin
- **Carboplatin**: Bevacizumab, Carboplatin
- **Cisplatin**: Bevacizumab, Cisplatin
- **Cyclophosphamide**: Bevacizumab, Cyclophosphamide
- **Cytarabine**: Bevacizumab, Cytarabine
- **Dacarbazine**: Bevacizumab, Dacarbazine
- **Docetaxel**: Bevacizumab, Docetaxel
- **Doxorubicin**: Bevacizumab, Doxorubicin
- **Epirubicin**: Bevacizumab, Epirubicin
- **Etoposide**: Bevacizumab, Etoposide
- **Fludarabine**: Bevacizumab, Fludarabine
- **Fluorouracil**: Bevacizumab, Fluorouracil
- **Gemcitabine**: Bevacizumab, Gemcitabine
- **Ifosfamide**: Bevacizumab, Ifosfamide
- **Irinotecan**: Bevacizumab, Irinotecan
- **Leucovorin**: Bevacizumab, Leucovorin
- **Liposomal Doxorubicin**: Bevacizumab, Liposomal Doxorubicin
- **Mitomycin**: Bevacizumab, Mitomycin
- **Paclitaxel**: Bevacizumab, Paclitaxel
- **Pemetrexed**: Bevacizumab, Pemetrexed
- **Pralatrexate**: Bevacizumab, Pralatrexate
- **Topotecan**: Bevacizumab, Topotecan
- **Vinblastine**: Bevacizumab, Vinblastine
- **Vinorelbine**: Bevacizumab, Vinorelbine

The literature noted no clinical effect from sequence order.
References:


