



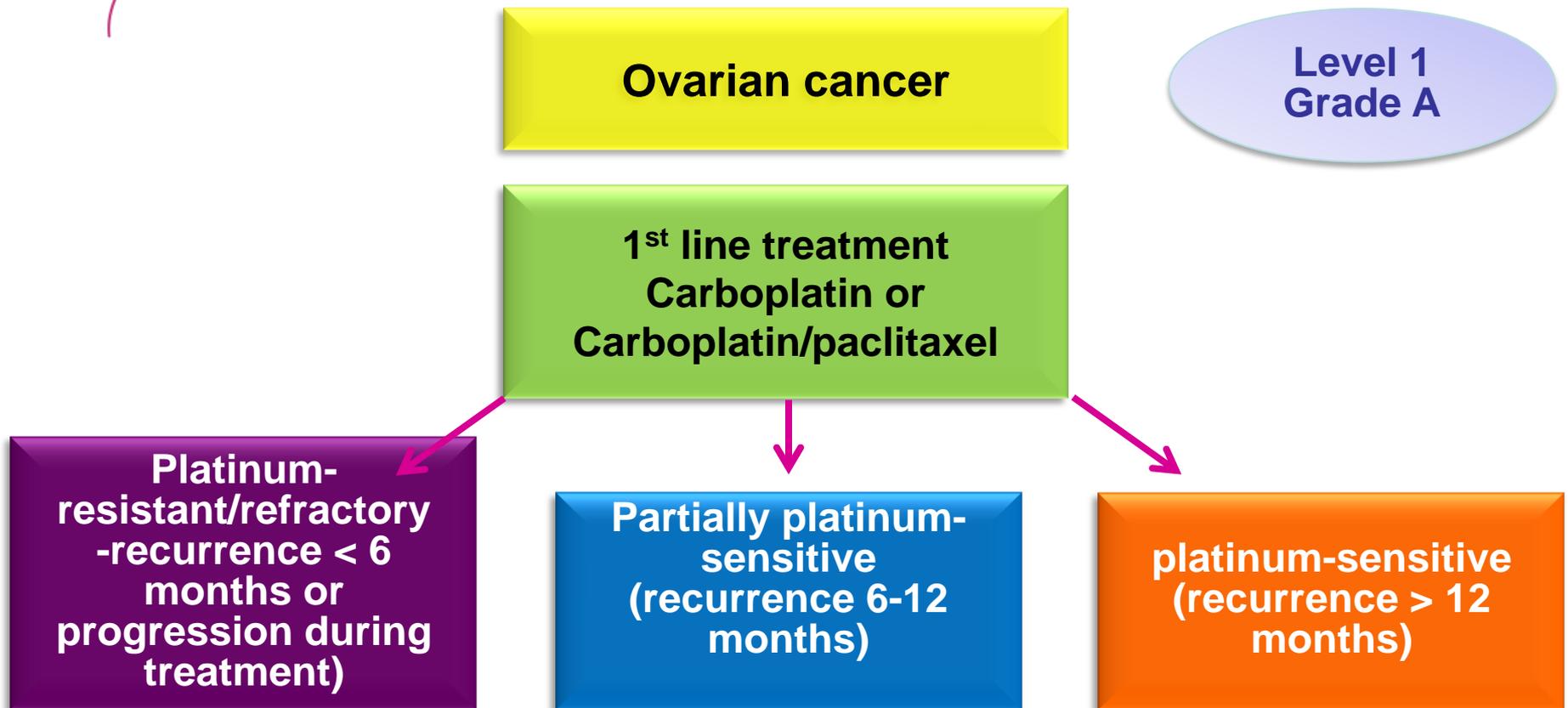
**Ovarian
cancer**

Chemotherapy after first line treatment

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Simplified, 3 category algorithm



- The free interval is calculated from the date the last dose of platinum was administered to the time of recurrence (CA125, imaging or clinical indicators)



EARLY RECURRENCE

Platinum-resistant or refractory

- Combining chemotherapies is not recommended. The combination of 2 chemotherapy molecules is more toxic but not more effective than a single agent



SINGLE AGENT CHEMOTHERAPY

Grade A

- The cytotoxic agents with proven efficacy against ovarian cancer with early recurrence are:
 - **pegylated liposomal doxorubicin**,
 - **weekly paclitaxel**,
 - **topotecan** (the 5 day regimen (3s) tends to be more effective and more toxic than the weekly regimen),
 - **gemcitabine**.
- They are equally effective and the choice depends on the individual tolerance profile

Grade B



EARLY RECURRENCE

Platinum-resistant or refractory

- The cytotoxic agents which have shown a certain degree of efficacy for early recurrence but whose activity has not been compared to a reference product are:

vepeside (Celltop®), **altretamine** (Hexastat®),
capecitabine (Xeloda®), **pemetrexed** (Alimta®),
trabectedine (Yondelis®), **camptotecine** (Campto®),
cyclophosphamide (Endoxan®), **ifosfamide** (Holoxan®),
melphalan (Alkeran®), **vinorelbine** (Navelbine®)

Grade C



Partially SENSITIVE RECURRENCE Recommendations

**1st recurrence
6-12 months**

■ **Combination more effective than monotherapy:**

Carboplatin + Pegylated liposomal Doxo

Carboplatin + Gemcitabine

Carboplatin + Paclitaxel

Pegylated liposomal doxo + Trabectedine

Grade A



SENSITIVE RECURRENCE

Recommendations

1st recurrence
 ≥ 12 months

- Consensus conference 2010 (Vancouver) recommends a platinum-based combination for recurrence > 12 months
- Which combination (s)?

Grade A

Standard: Carboplatin + Pegylated Liposomal Doxo

No indication to replace DoxLipeg with Dox lipo or epirubicin

Alternatives:

- Carboplatin + paclitaxel or CDDP + paclitaxel (if allergy to carboplatin)
- Carboplatin + gemcitabine or CDDP + gemcitabine (if allergy to Carboplatin)
- Pegylated Liposomal Doxo + trabectedine if allergy to carboplatin

Grade B