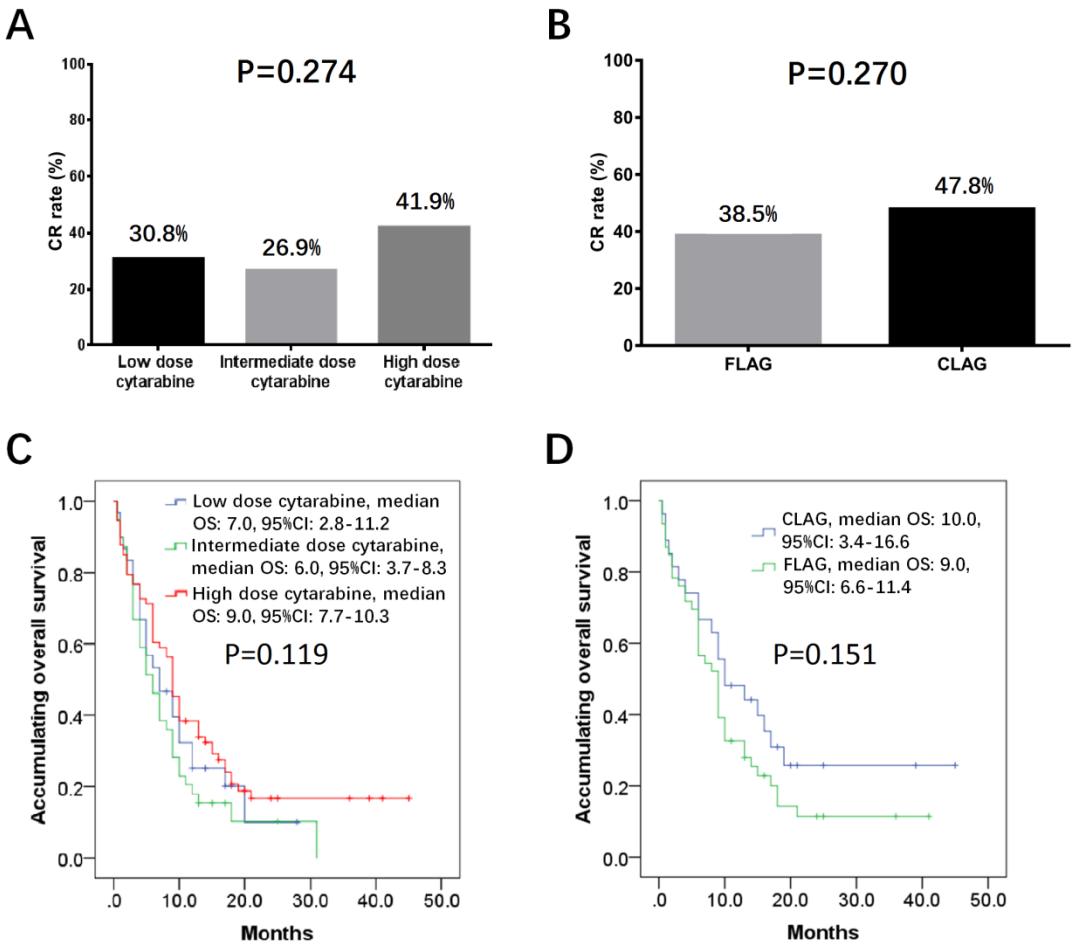
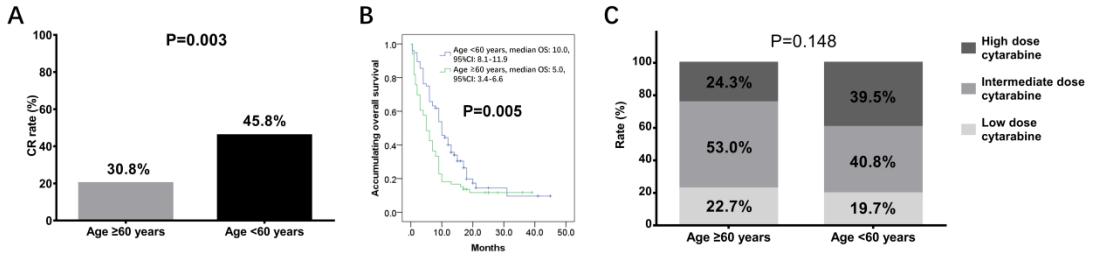



**Supplementary Figure 1.** Treatment response in groups classified by dose and comparison of outcomes between CLAG and FLAG regimens**.** (**A**) No difference of CR was found among low dose cytarabine group, intermediate cytarabine group and high cytarabine group; (**B**) No difference of CR was observed between CLAG group and FLAG group; (**C**) No difference of OS was found among low dose cytarabine group, intermediate cytarabine group and high cytarabine group; (**D**) No difference of OS was observed between CLAG group and FLAG group. Comparison among groups were performed with Chi-squared test and log-rank test. P<0.05 was considered significant.




**Supplementary Figure 2**. Treatment outcomes in groups classified by age. (**A**) CR in patients with age >=60 years was reduced compared to patients with age < 60 years; (**B**) OS in patients with age >=60 years was decreased compared to patients with age < 60 years; (**C**) No difference of rate in high dose cytarabine, intermediate dose cytarabine and low dose cytarabine was observed between patients with age >=60 years and patients with age < 60 years. Comparison between groups were performed with Chi-squared test, log-rank test and Wilcoxon rank sum test. P<0.05 was considered significant.

**Supplementary Table 1.** Adverse events

| Items | FLAG (n=46) | CAG/DAG (n=30) | CLAG (n=27) | MEA (n=17) | IA/DA/MA (n=12) | HAA/HAD (n=10) |
|---|---|---|---|---|---|---|
| Febrile neutropenia (n/%) | 41 (89.1) | 25 (83.3) | 23 (85.2) | 14 (82.4) | 10 (83.3) | 8 (80.0) |
| Thrombocytopenia (n/%) | 40 (87.0) | 26 (86.7) | 21 (77.8) | 11 (64.7) | 8 (66.7) | 7 (70.0) |
| Infection (n/%) | 31 (67.4) | 19 (63.3) | 18 (66.7) | 5 (29.4) | 4 (33.3) | 6 (60.0) |
| Hemorrhage (n/%) | 22 (46.8) | 4 (13.3) | 8 (29.6) | 5 (29.4) | 2 (16.7) | 3 (30.0) |
| ALT or AST elevation (n/%) | 6 (13.0) | 2 (6.7) | 2 (7.4) | 4 (23.5) | 0 (0.0) | 0 (0.0) |
| Cardiotoxicity (n/%) | 2 (4.3) | 0 (0.0) | 1 (3.7) | 1 (5.9) | 1 (8.3) | 1 (10.0) |
| Nausea/vomiting (n/%) | 16 (34.8) | 7 (23.3) | 13 (48.1) | 2 (11.7) | 1 (8.3) | 4 (40.0) |
| Others (n/%) | 5 (10.9) | 2 (6.7) | 4 (14.8) | 2 (11.7) | 2 (16.7) | 2 (20.0) |

Date were presented as count (%). ALT = alanine aminotransferase, AST = aspartate aminotransferase.