

**Supplementary Table S1.** Trifluridine/tipiracil exposure and management ( $n=379$ )

Treatment characteristics	Value
Planned dose at first cycle (mg/m <sup>2</sup> , twice a day), median (IQR) <sup>a</sup>	35.0 (35.0-35.0)
Treatment modification, $n$ (%)	
Dose reduction	116 (30.6)
Due to toxicity <sup>b</sup>	108 (28.5)
Due to general state impairment	6 (1.5)
Due to other reasons	2 (0.5)
Dose delay	191 (50.4)
Due to toxicity <sup>c</sup>	167 (44.1)
Due to general state impairment	11 (2.9)
Due to other reasons	32 (8.4)
Reasons for end of treatment, $n$ (%)	
Disease progression	300 (79.2)
General state impairment	48 (12.7)
Toxicity <sup>d</sup>	17 (4.5)
Patient decision	7 (1.8)
Other reasons	7 (1.8)
Total number of administered cycles, median (IQR)	3.0 (2.0-4.0) <sup>e</sup>

*IQR* interquartile range.

<sup>a</sup>The planned dose at the first cycle was <35 mg/m<sup>2</sup> in 8 patients: 25 mg/m<sup>2</sup>  $n=1$ , and 30 mg/m<sup>2</sup>  $n=7$ .

<sup>b</sup>These 108 patients had 137 dose reductions due to the following toxicities: neutropaenia  $n=94$ , asthenia  $n=18$ , diarrhoea  $n=17$ , anaemia  $n=16$ , anaemia/thrombopaenia  $n=9$ , thrombopaenia  $n=5$ , bilirubin increase  $n=3$ , nausea/vomiting  $n=3$ , leucopaenia  $n=2$ , vomiting  $n=2$ , lymphocytopaenia  $n=1$ , mucositis  $n=1$ , nausea  $n=1$ , pancytopaenia  $n=1$ , and sickness/vomiting  $n=1$  (multiple response variable, there may be more than one toxicity for each reduced dose).

<sup>c</sup>These 167 patients had 247 dose delays due to the following toxicities: neutropaenia  $n=197$ , anaemia  $n=25$ , diarrhoea  $n=13$ , asthenia  $n=12$ , thrombopaenia  $n=6$ , bilirubin increase  $n=5$ , leucopaenia  $n=2$ , nausea  $n=2$ , alkaline phosphatase  $n=1$ , alopecia  $n=1$ , anaemia/thrombopaenia  $n=1$ , bacterial infection  $n=1$ , fever  $n=1$ , liver

toxicity  $n=1$ , and vomiting  $n=1$  (multiple response variable, there may be more than one toxicity for each delayed dose).

<sup>d</sup>These 17 patients reported end of treatment due to the following toxicities: neutropaenia  $n=6$ , anaemia  $n=3$ , diarrhoea  $n=2$ , asthenia  $n=2$ , anorexia  $n=1$ , atrial fibrillation  $n=1$ , cardiac toxicity  $n=1$ , impaired kidney function  $n=1$ , liver toxicity  $n=1$ , lumbalgia  $n=1$ , nausea  $n=1$ , pancytopenia  $n=1$ , urinary tract infections favoured by neutropaenia  $n=1$  (multiple response variable, there may be more than one toxicity for each ended treatment).

<sup>e</sup>Missing data  $n=1$ .