Fig S1. Duration of response and duration of treatment in patients receiving fostamatinib as second-line therapy. Each bar represents the period of treatment for one patient with a response of ≥30,000/µl (n=30). Maintenance of response (dark blue line) is shown until loss of response, defined as 2 platelet counts of <20,000/µl at least 4 weeks apart or use of rescue therapy. Second-line therapy patients who did not have a response ≥30,000/µl are not shown.
Table S1. Most commonly reported AEs occurring in ≥10% of patients receiving fostamatinib as second-line therapy or third-or-later-line therapy.

| Most Common AEs               | Fostamatinib as Second-Line Therapy (n=32)a | Fostamatinib as Third-or-Later-Line Therapy (n=114)b |
|-------------------------------|---------------------------------------------|------------------------------------------------------|
|                               | Maximum Grade Severity                      |                                                      |
|                               | Mild | Moderate | Severe | Total | Total |
| Hypertension                  | 5 (16)| 4 (13)   | 1 (3)  | 10 (31) | 22 (19) |
| Diarrhea                      | 3 (9) | 5 (16)   | 0      | 8 (25)  | 45 (39) |
| Nausea                        | 3 (9) | 0        | 0      | 3 (9)   | 25 (22) |
| Petechiae                     | 3 (9) | 0        | 0      | 3 (9)   | 19 (17) |
| Upper respiratory tract infection | 2 (6) | 3 (9)    | 0      | 5 (16)  | 13 (11) |
| Headache                      | 0    | 2 (6)    | 0      | 2 (6)   | 19 (17) |
| Contusion                     | 4 (13)| 0        | 0      | 4 (13)  | 13 (11) |
| ALT increased                 | 3 (9) | 1 (3)    | 0      | 4 (13)  | 11 (10) |
| AST increased                 | 3 (9) | 1 (3)    | 0      | 4 (13)  | 7 (6)   |
| Thrombocytopenia              | 0    | 0        | 4 (13) | 4 (13)  | 7 (6)   |
| UTI                           | 1 (3) | 3 (9)    | 0      | 4 (13)  | 5 (4)   |
| Dizziness                     | 2 (6) | 1 (3)    | 0      | 3 (9)   | 14 (12) |
| Fatigue                       | 1 (3) | 0        | 0      | 1 (3)   | 13 (11) |

ALT=alanine transferase; AST=aspartate aminotransferase; LFT=liver function test; UTI=urinary tract infection.

a These 32 patients had a median duration of fostamatinib exposure of 19 months (range <1-55 months).

b These 114 patients had a median duration of fostamatinib exposure of 6 months (range <1-62 months). One additional patient is included in the safety analysis due to an inadvertent exposure to fostamatinib while assigned to placebo.
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