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Title: Towards therapeutic drug monitoring of everolimus in cancer? Results of an exploratory study of exposure-effect relationship

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Towards therapeutic drug monitoring of everolimus in cancer? Results of an exploratory study of exposure-effect relationship.

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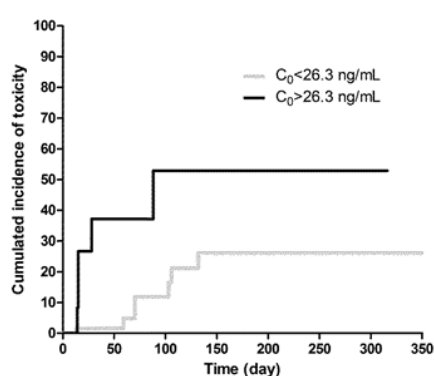
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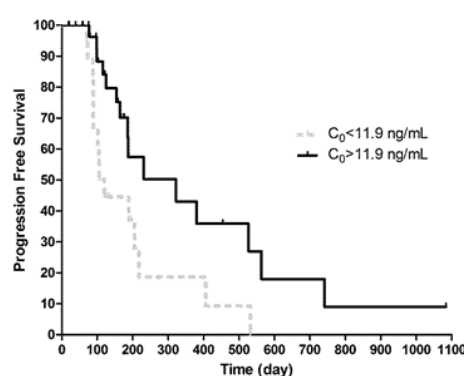
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Graphical Abstract

- Associations between everolimus C_0 and Cumulated incidence of Toxicity or Progression Free Survival investigated in 54 patients treated for breast (n=42), renal (n=10) or neuroendocrine cancer (n=2).



- C_0 threshold >26.35 ng/mL associated to an increased risk of toxicity (HR= 4.12, IC95%=[1.48-11.5], $p=0.0067$).



- C_0 threshold <11.9 ng/mL associated to an increased risk of progression (HR=3.2, IC95%=[1.33-7.81], $p=0.001$).

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