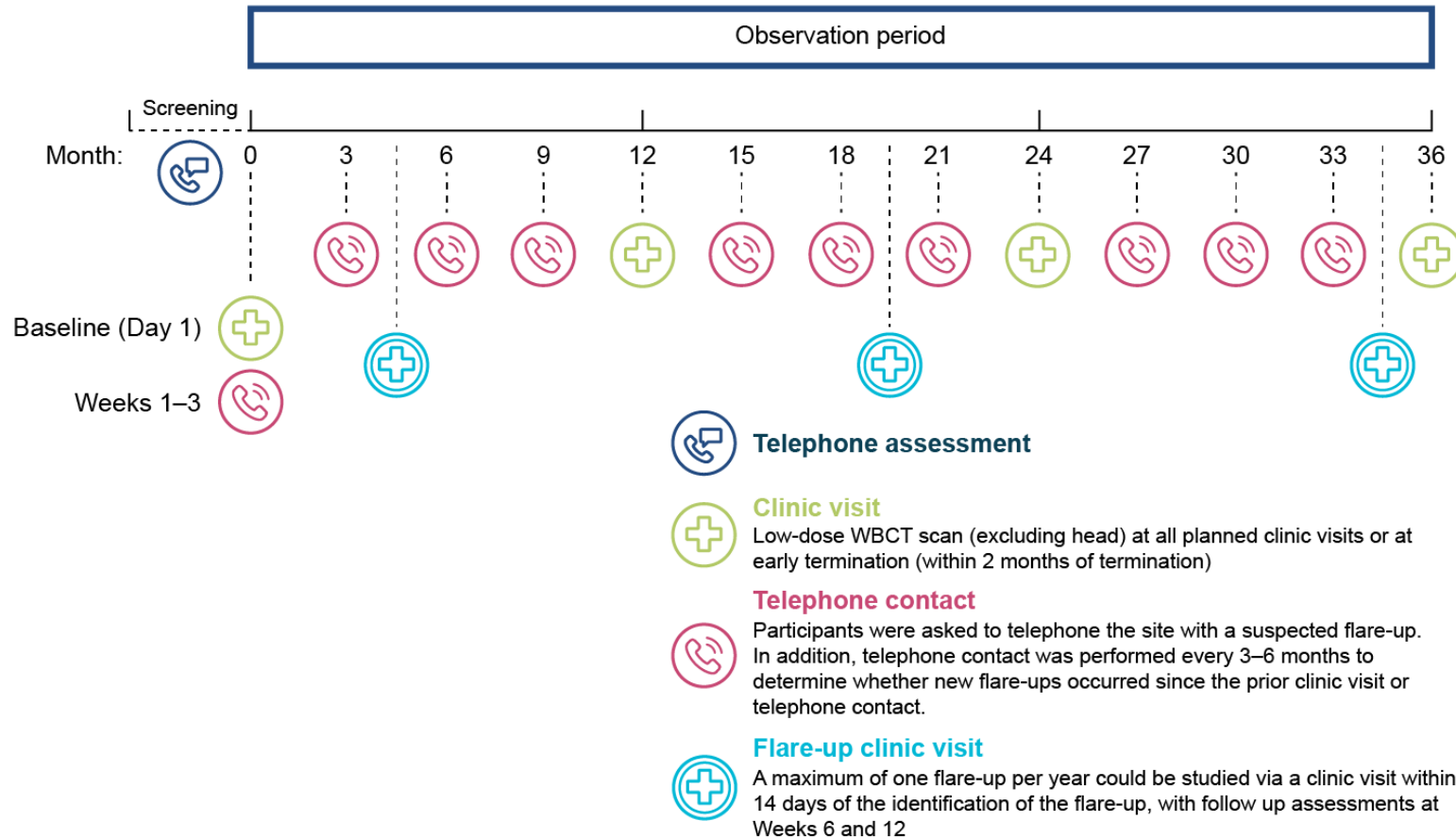


1 **Supplementary Figure 1. Study designs of the PVO-1A-001, PVO-1A-201 and PVO-1A-202 studies**

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**Supplementary Figure 1A. PVO-1A-001 natural history study**



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WBCT: whole-body computed tomography.



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### Supplementary Figure 1C. PVO-1A-202 open-label extension trial

#### Part A

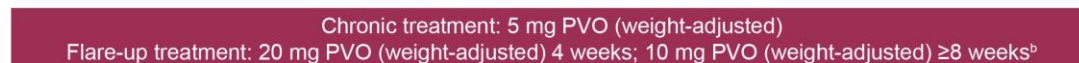


#### Part B



**Disease progression outcome:**  
Annualized change in new HO volume as assessed by WBCT

#### Part C



**Flare-up outcome:**  
Incidence and volume of new HO at Week 12 assessed by flare-up body region CT

Month: 0 12 24

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In Part D of PVO-1A-202, annual assessments were obtained after the last dose of palovarotene in participants who were skeletally immature at the time of treatment discontinuation to obtain longer-term safety data. <sup>a</sup>Skeletally mature participants were  $\geq 18$  years of age or had  $\geq 90\%$  skeletal maturity on hand/wrist radiography [defined by a bone age of  $\geq 12$  years in female and  $\geq 14$  years in male participants] at screening. Skeletally immature participants were  $< 18$  years of age and had  $< 90\%$  skeletal maturity on hand/wrist radiography at screening. <sup>b</sup> $\geq 8$  weeks or until flare-up resolved. CT: computed tomography; HO: heterotopic ossification; PVO: palovarotene; WBCT: whole-body computed tomography.