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Rotationplasty: Beauty is in the Eye of the Beholder

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# Rotationplasty: Beauty is in the Eye of the Beholder

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## Abstract

Rotationplasty is an alternative reconstructive strategy after sarcoma resection that often gets overlooked due to concerns about cosmesis. "Rotating" a distal segment 180 degrees and fixing it to a proximal segment leaves a highly-functional, durable reconstruction that functionally compares favorably to other limb-salvage techniques. Cosmetic outcomes have no discernible impact of the emotional and social functioning of cancer survivors following rotationplasty. This chapter discusses techniques of rotationplasty, as well as its oncologic, functional and emotional outcomes.

**Keywords:** Van Nes; reconstruction; rotationplasty; skeletally immature.

## Figures



**Figure 1**

5

Drawings representing rotationplasty for a...



**Figure 2**

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Drawings representing rotationplasty for a...



**Figure 3**

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Rotationplasty radiographs. Rotationplasty for tumors...



**Figure 4**

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Ankle (knee) function following tibial...



**Figure 5**

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Drawings representing rotationplasty for a...



**Figure 6**

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Drawings representing rotationplasty for a...