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# Adenoviral Vector Encoding VEGF-C LX-1101

National Cancer Institute

## Source

National Cancer Institute. *Adenoviral Vector Encoding VEGF-C LX-1101*. NCI Thesaurus. Code C162634.

A genetically engineered, replication-deficient adenovirus carrying the gene encoding for the human vascular endothelial growth factor C (VEGFC; VEGF-C; Flt4 ligand), with potential pro-angiogenic activity. Upon perinodal administration of the AdAptVEGF-C adenoviral vector LX-1101, the adenovirus infects cells and promotes expression of VEGF-C. In turn, VEGF-C induces vascular and lymphatic endothelial cell proliferation locally, and may help re-grow the lymphatic system and improve symptoms associated with lymphedema (LE). VEGF-C, a lymphatic growth factor, plays a key role in (lymph)angiogenesis and the functioning of the lymphatic system.