



COMPARISON OF CRYOSURGICAL SYSTEMS

	Verruca-Freeze®	Histofreezer®	Liquid Nitrogen	CryoPen
Availability and Costs	Starter Kit (Order # VFK65) Includes a 65 freeze canister, extender tube, insulator, set of 5 soft tipped limiting cones (3,5,7,9 & 12mm), 30 pack of CryoBuds™, practice media, training DVD, instructions and patient instruction pad.	Kits H-60 Kit Includes a 170ml canister, 30 2mm buds, 30 5mm buds and instructions	Stored in large dewars Dewar, withdrawal device, cryogloves, hand-held spray device, spray tips, and cryoprobes	Large Base Chilling well for cryopens, Reservoir solution, tips
	Replacement canister (Order # VFC65) Includes 65 freeze canister, patient instruction pad, CPT coding and extender tube	No replacement canister	Dewar refills	Replacement Tips Cost- Lease for 60 months at \$172/mo Purchase \$8,620
Effective Temperature	Up to -70°C	-55°C	-196°C -20°C when applied with swab	-75°C
	25 - 30 seconds including spray time	40 seconds plus spray time	2 - 6 seconds	10 - 180 seconds depending on lesion, plus 15 minutes charge time for each pen used. 90 min base cooling time.
Method of Application	Limiting cones with colored soft tips Set of 5 includes one of each: 3, 5, 7, 9, and 12mm cones 	No cones	Metal tips or open spray	Reusable Tips in Four Sizes
	Disposable CryoBuds™* 3mm (small 30/pack) 5mm (medium 30/pack) 9mm (large 30/pack) Bear Bud (20/pack) Multi-pack (10S, 10M & 10L 30/pack) 	Disposable buds 2mm 5mm	Cotton swabs	
Details	Cleared for 21 specific lesions Indicated for benign lesions	Cleared for 9 lesions	Indicated for benign and cancerous lesions Dewar-not portable Spray device-portable	Indicated for benign and cancerous lesions Limited Portability- Base has to be plugged into electrical outlet and turned on at all times to charge pens. Lease or Purchase. If Purchased, 2 year warranty
	Portable	Portable	Shelf Life: 3 - 6 weeks for standard dewars	
Shipping Details	Shelf Life: minimum 5 years	Shelf Life: 2 – 3 years	Special delivery through local gas company	Special delivery through company
	No Hazmat Fees	Hazmat Fees charged for H-60 and H-505		
Contents	Non-flammable Trifluoroethane Pentafluoroethane Tetrafluoroethane	Flammable 95% Dimethyl ether 2% Propane 3% Isobutane	Non-flammable Liquid nitrogen	Flammable Reservoir Solution contains ethanol



65 Freeze Kit
(Order # VFK65)



65 Freeze Canister
(Order # VFC65)

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* By spraying the cryogen from the canister onto a CryoBud™ held in the other hand, the physician can clearly see the amount of cryogen applied to the CryoBud™ 11/2008