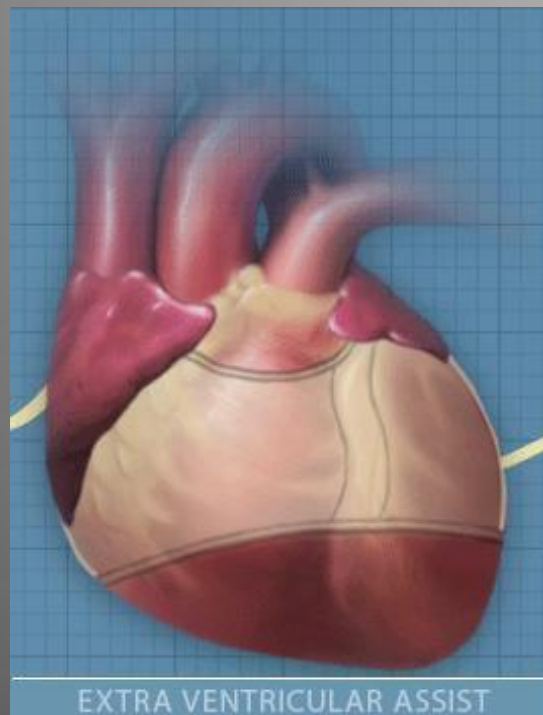




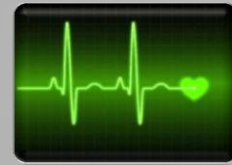
NeoCardial Technologies, LLC.

eHeart™

Extra Ventricular Assist Device



Heart failure (HF) is both endemic and an expanding epidemic affecting 15 million people in the USA and Europe.



About 5.1 million people in the United States have heart failure

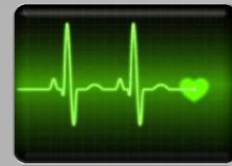
In 2009, 1 in 9 deaths in the US included heart failure as contributing cause.

About half of people who develop heart failure die within 5 years of diagnosis.

Heart failure costs the nation an estimated \$32 billion each year. This total includes the cost of health care services, medications to treat heart failure, and missed days of work.

Every 33 seconds someone in the United States dies from cardiovascular disease which is roughly the equivalent of a September 11th-like tragedy repeating itself every 24 hours, 365 days a year.

What is Heart Failure?



When Your Heart Does **Not**
Pump Effectively

AKA: “Congestive” Heart Failure
(CHF)

Who Can Get CHF? YOU.



ISCHEMIC
HEART
PATIENTS

NON-ISCHEMIC HEART
PATIENTS

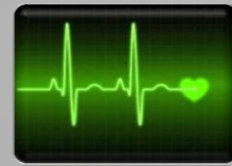
DIABETES

KIDNEY
DISEASE

Hyper-
tension

Even
Serious Flu

Current CHF Treatment Technology:

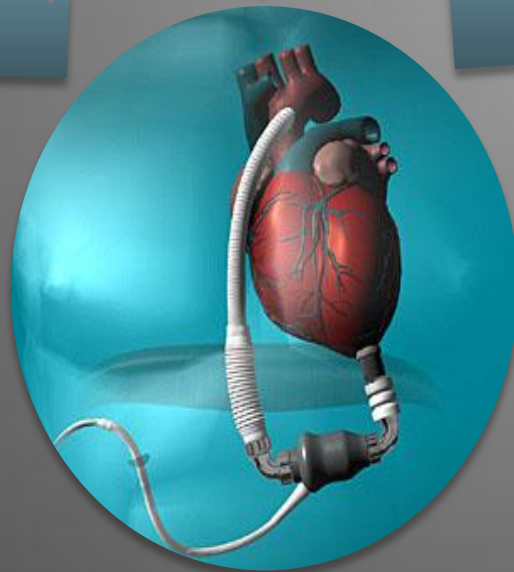


Non-Adjustable:
Hole in heart

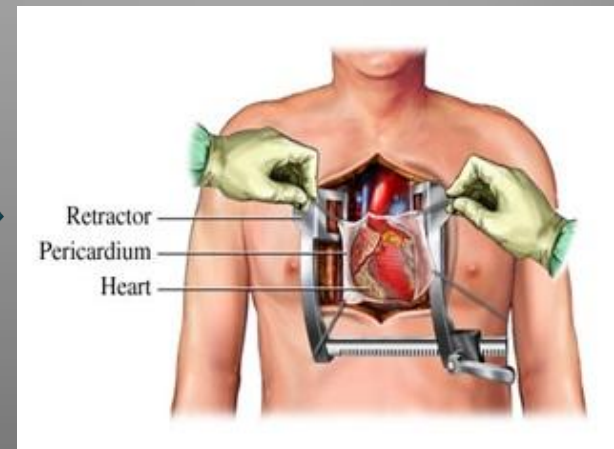
Blood Contact

No Un-tethered Time

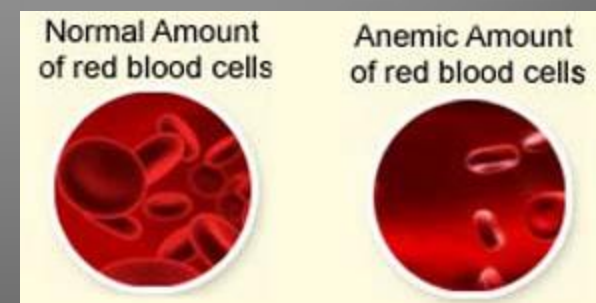
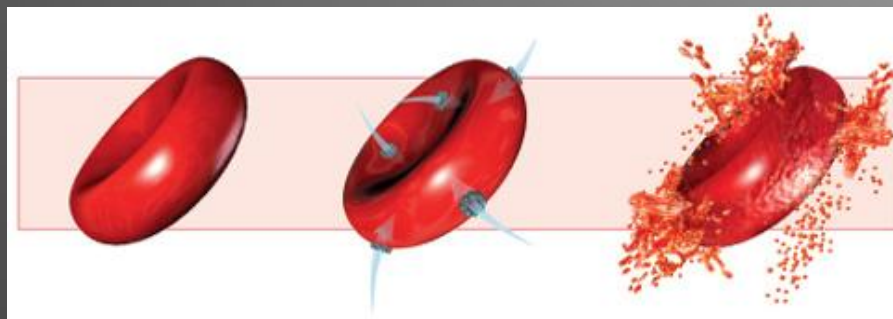
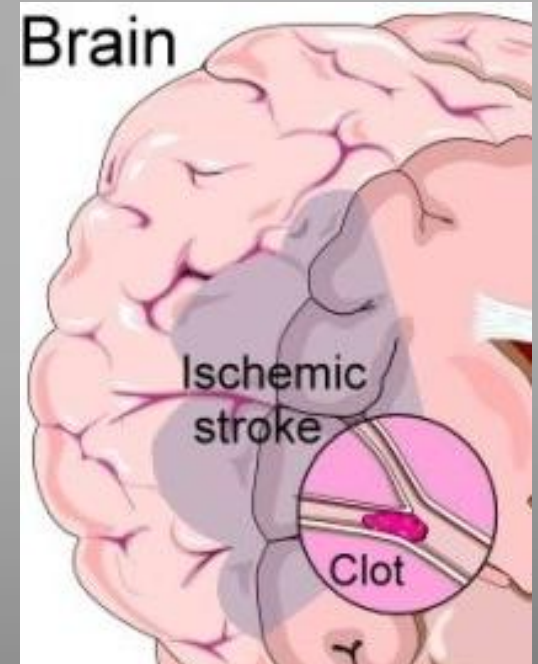
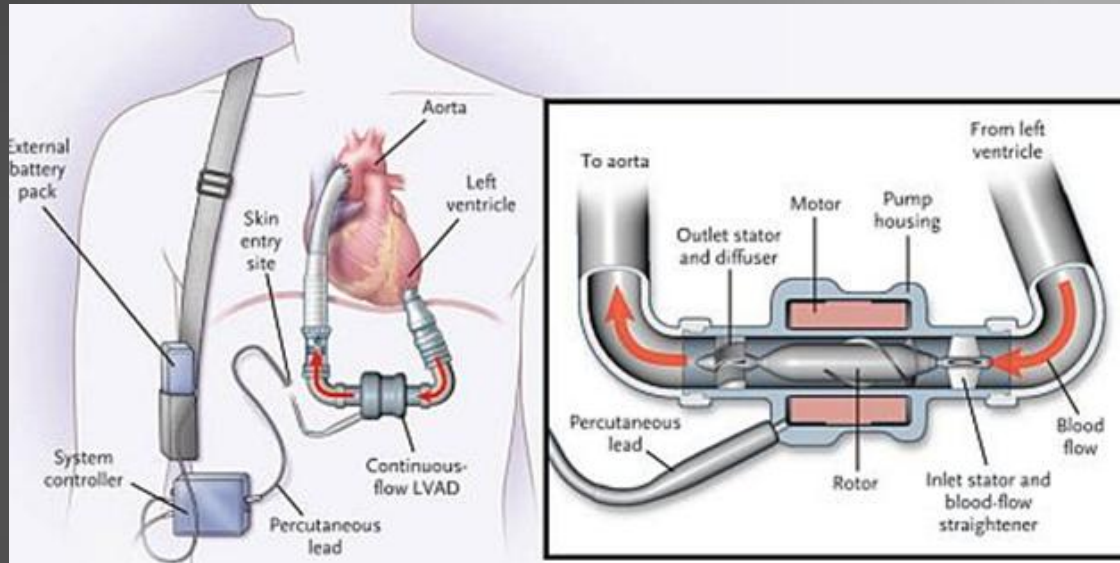
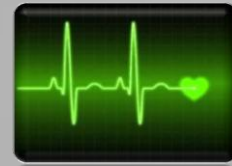
“Dick Cheney”



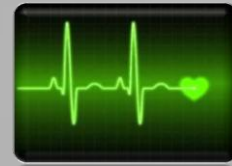
Sternotomy



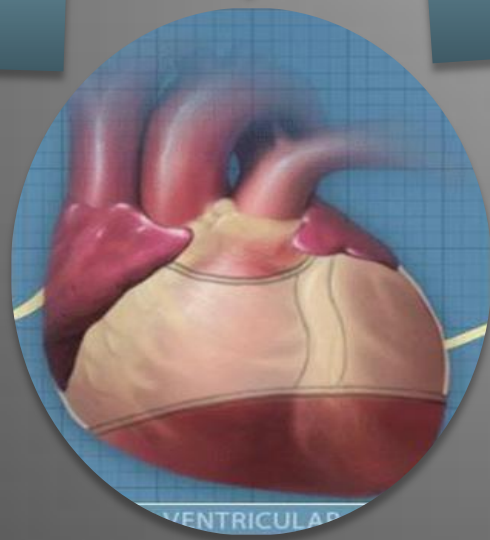
PROBLEM: DIRECT BLOOD CONTACT



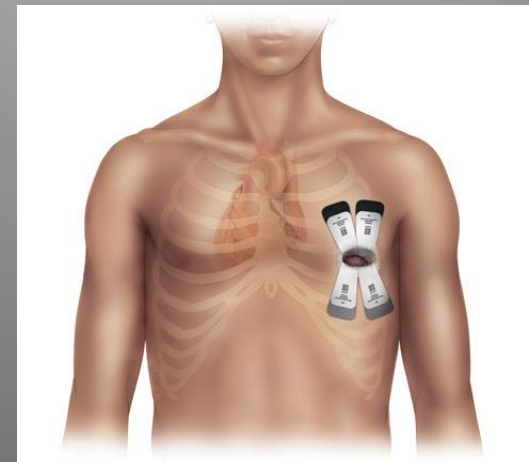
eHeart: *Adjustable*



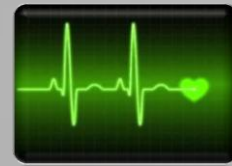
Biventricular Diastolic Restraint



Thoracotomy



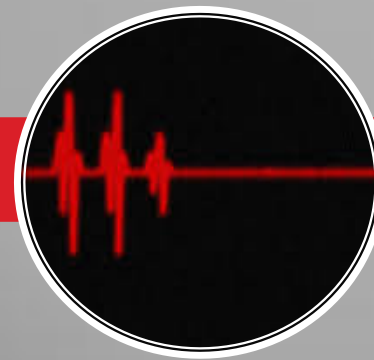
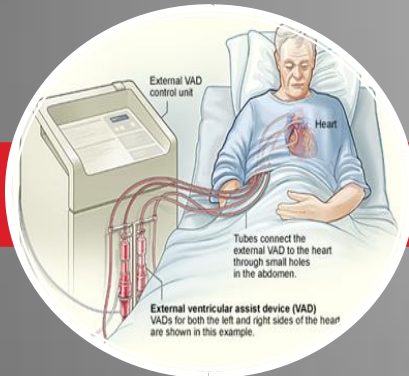
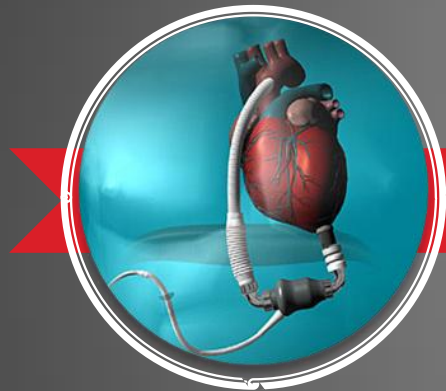
eHeart™: Moving CHF from Terminal to Chronic



USD 160k

USD 400k

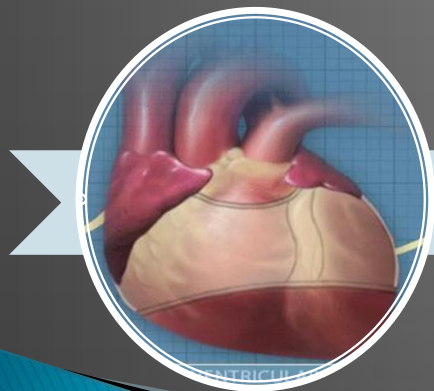
18-24 Months



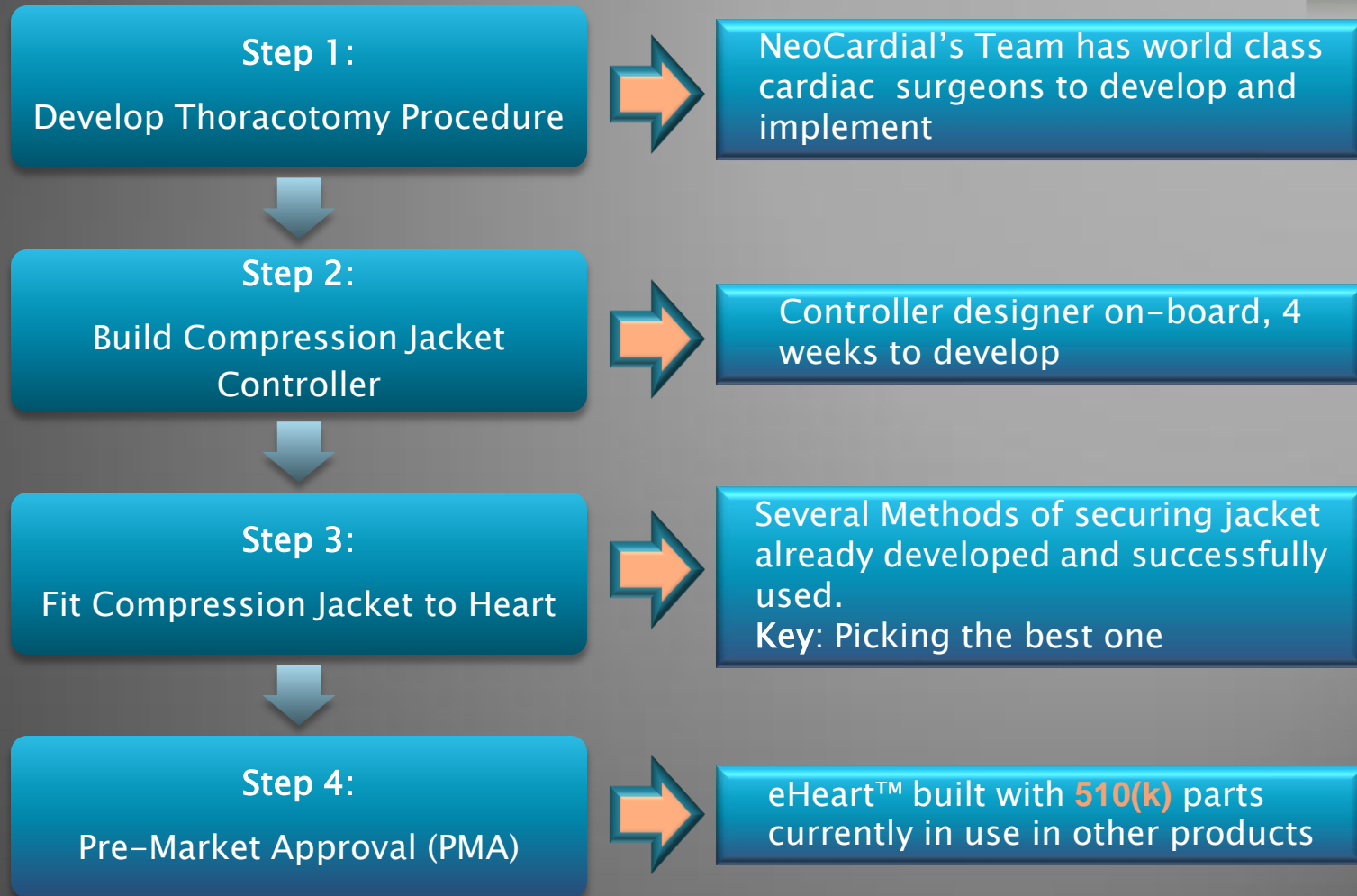
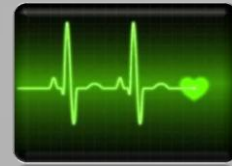
<USD 160k

Checkups

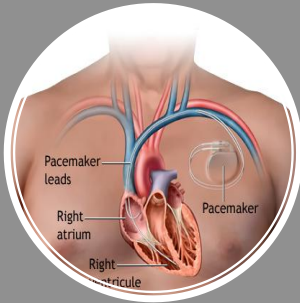
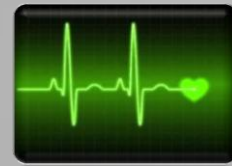
Explantation



eHeart™: *How We Get There:*



eHeart™: *Opportunities*



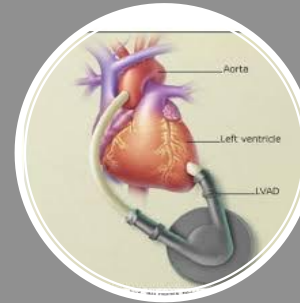
Cardiac Re-synchronization Therapy



Diastolic Restraint Therapy



Pulse Augmentation



Ventricular Assist Devices (VADs)



Stem Cell Therapy

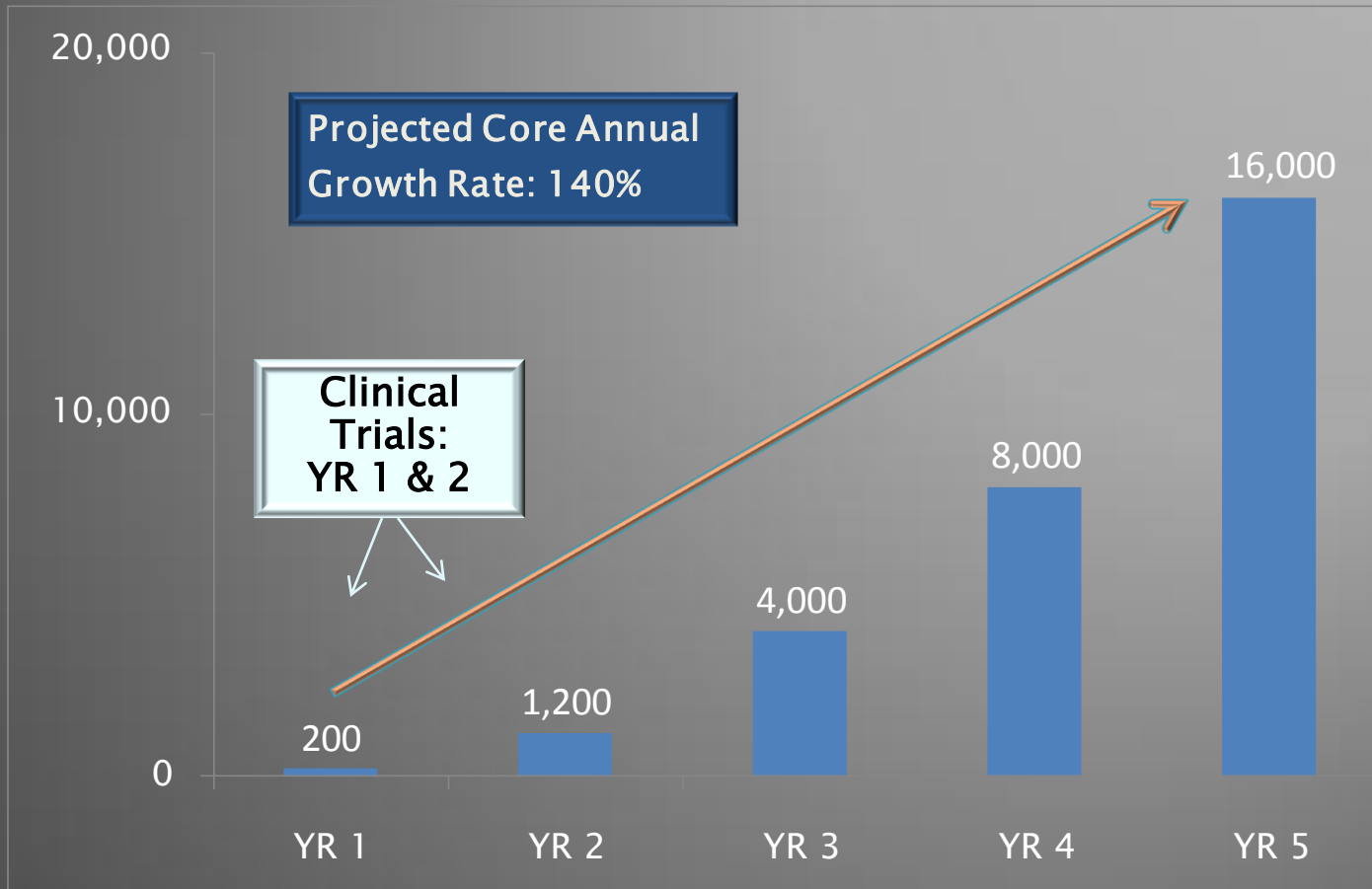
Platform for cardiac tech delivery, new business combinations

eHeart™: *Target*



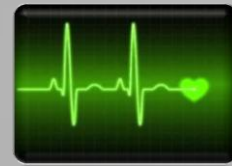
5-Year Target: Reach 8% current 200k U.S. VAD patient market:

(Patient Target)



8% current market = USD 1 bn

eHeart™: *Market Potential*



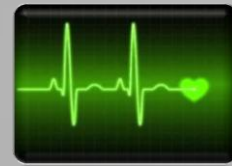
Ischemic
Heart Market:
1.6m patients

USD 96bn

eHeart™ Cost:
<USD 160k

Medicare: USD
160k for VAD
98%
reimbursement

eHeart™: “The Green Heart”



Reduce, Recover, Rewrap

Reduce:

- Complications of blood contact, surgery and recovery.

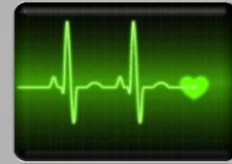
Recover:

- The remaining heart function.

Rewrap:

Reverse unwrapping of the heart

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