

The Indiana Center for Vascular Biology and Medicine

*Changing the Course of Vascular
Disease*

with the help of CMMRF

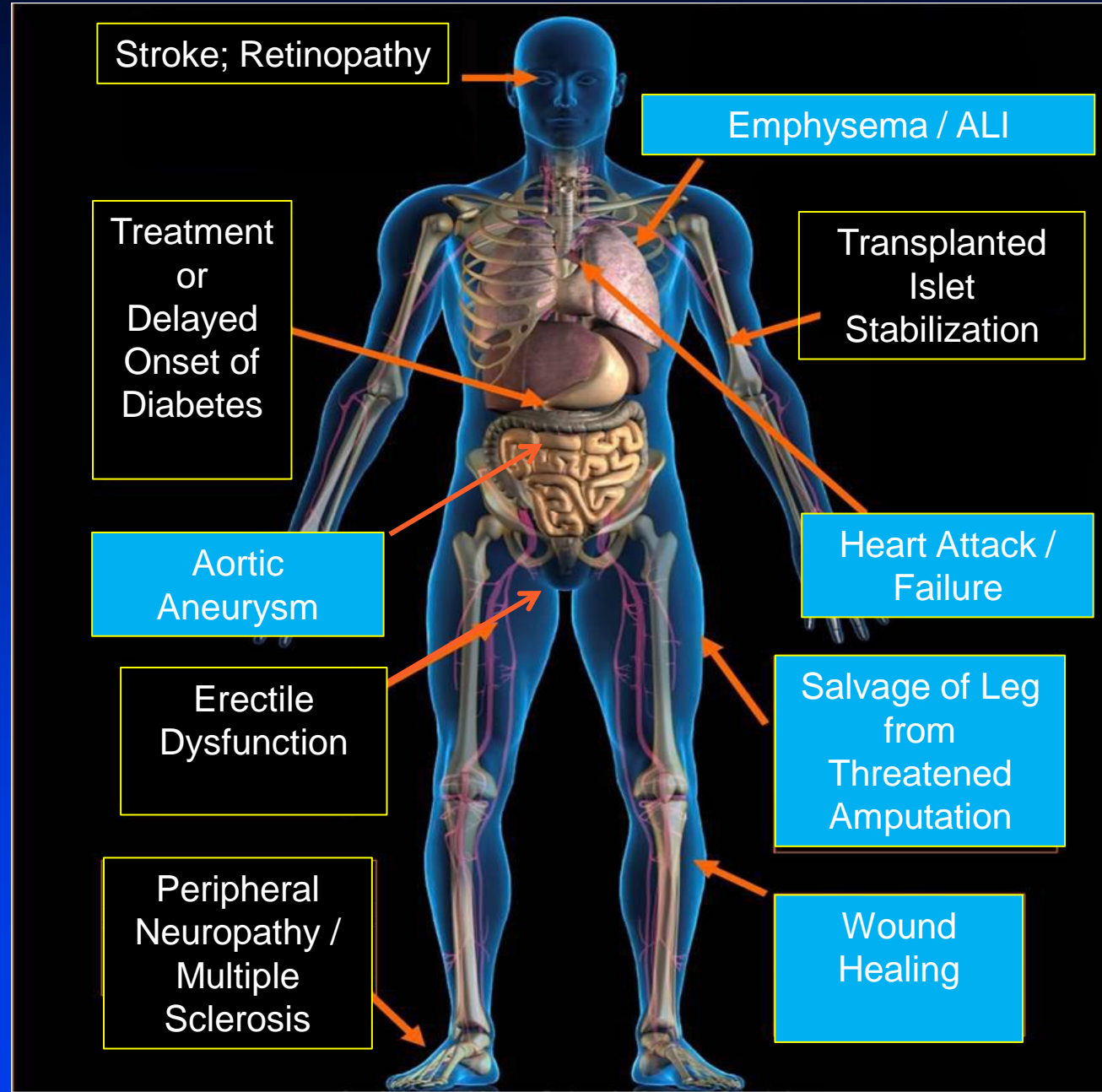
Continuing Progress 2012

Future Plans

Dr. Keith March

CMMRF Board Presentation
Albuquerque, NM 1/19/2013*

Through Work on Blood Vessels, we Help the Entire Body!



Indiana Center for Vascular Biology and Medicine (ICVBM): Key News of 2012

- National Institutes of Health Designation as a member of the CCTRN Network
- Emphysema (COPD) research continuing in animal testing and partnership created to study outcomes in human procedures
- Aortic Aneurysm research program in animals; planning for clinical trials
- Wound- and Burn-healing Research advances from bench top into animal testing
- **HALLS: Heart Aorta Legs Lungs and Skin**

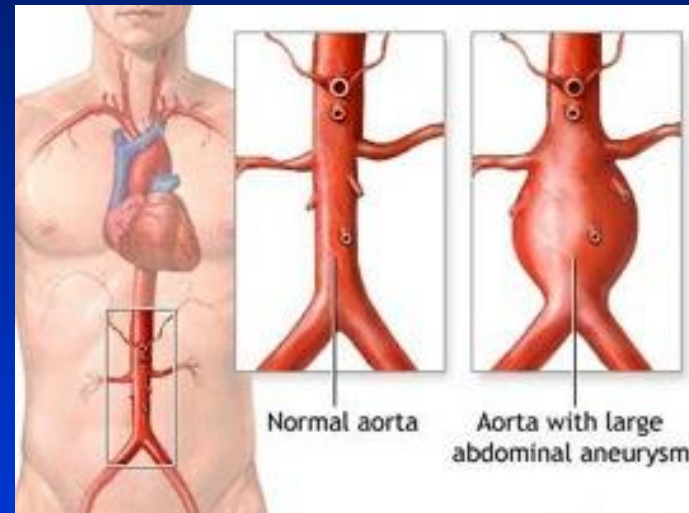
ICVBM Designation as a member of the CCTRN

- **Halls**
- Indiana Center of the Cardiovascular Cell Therapy Research Network (CCTRN)
 - One of only seven centers across the country, selected as the best to work together in moving cardiovascular cell therapies from the bench to the bedside
 - Program is funded for a seven year period
 - We expect to conduct 3-5 trials:
 - Poor circulation in legs
 - Heart Failure
 - Heart Attack



ICVBM Aortic Aneurysm research

- *hA*lls
- Why: 10th leading cause of death in men > 65
- What: Bulge in Aorta, the largest vessel in the body
- Who: Dr. Michael Murphy, Dr. Keith March, Dr. Victor Njoku, Dr. Jie Xie
- Extending previous animal testing – seed funding
- When in humans: As soon as possible!



ICVBM Peripheral Vascular Disease

- *haLls*
- More than 100,000 U. S. Patients undergo amputation due to advanced atherosclerotic vascular disease in the leg
- Who: Dr. Michael Murphy
- Phase 1 Study: Only 3 of 32 required amputation
- 14 Clinical Trials now in progress



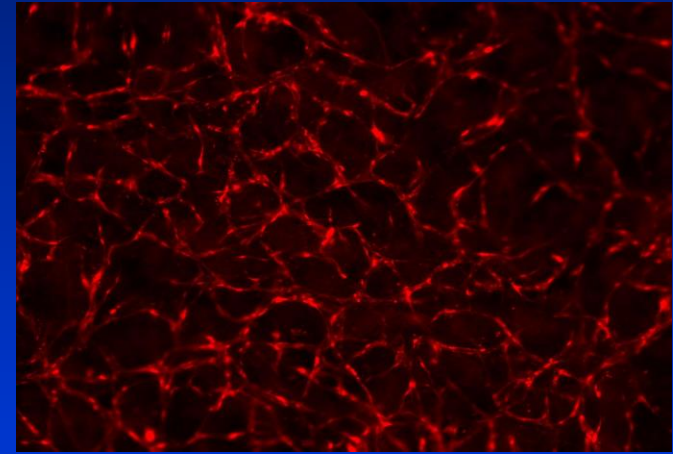
ICVBM Emphysema (COPD) research

- *halLs*
- Why: >3.1 million in US alone, with no cure; downhill course
- What: actually a disease of the small vessels
- Who: Dr. Irina Petrache, Dr. Matthias Clauss, Dr. Keith March
- Continuing in animal testing
- When in humans: Now
 - partnership created to study outcomes in human procedures



ICVBM Wound / Burn Healing Research

- *halls***S**
- Why: No current optimal approaches to local treatment of skin when the blood vessels are gone (3rd degree)
- What: Working to provide a vessel network to help skin grow
- Who: Dr. Dmitry Traktuev, Kellen Knowles, Dr. Rajiv Sood
- Entered into animal testing this year – seed funding
- When in humans: after large animal work (pigs)



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2012 Numbers Southwest Region

State	Membership	2012 Donations	Percentage of Total	Per Capita
Arizona	671	\$3,538.96	2.0129%	\$5.27
California	3,654	\$8,150.00	4.6355%	\$2.23
Nevada	632	\$3,852.11	2.1910%	\$6.10
New Mexico	528	\$250.00	0.1422%	\$0.47
Utah	400	\$287.50	0.1635%	\$0.72
SW Total	5,885	\$16,078.57	9.1450%	\$2.73
2012 Total		\$175,818.11		

Your Generosity

Allows CMMRF to Do This:

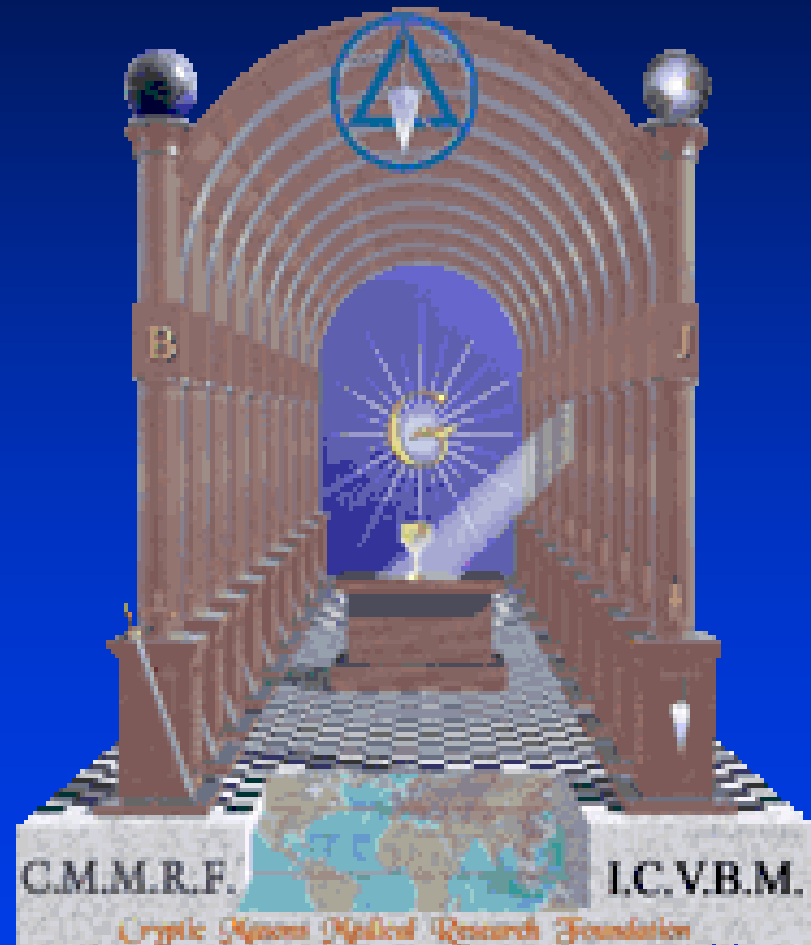


And This



WWW.CMMRF.ORG

- Donate!
- We Take “Plastic”
- We Take “Pay-Pal”
- Remember Us in Your Estate Planning!
- Let's Do Something Great Together!



Thank You for Your Attention

- Visit Us at WWW.CMMRF.ORG
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- Call Leah @ 812-988-8861