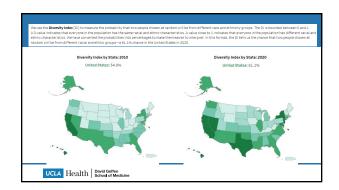
Racial And Ethnic Disparities In Clinical Trials And The Treatment Of CLTI: What Are The Causes And What Can Be Done About Them

Vincent L. Rowe, M.D., F.A.C.S. Professor and Chief Gonda (Goldschmied) Vascular Center Division of Vascular and Endovascular Surgery

UCLA Health School of Medicine







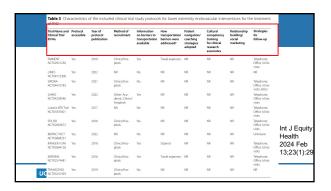
Clinical Trials

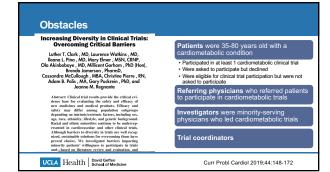
- Critical to advancement of medicine
- Changes or reactions different with each group?
- Results applicable to the population?
- Reduce disparities in outcomes?
- •Need a diverse patient cohort!!!

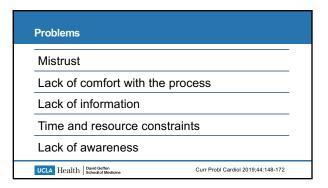
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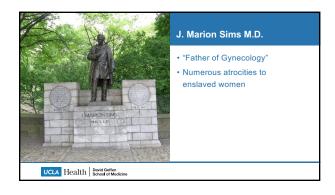


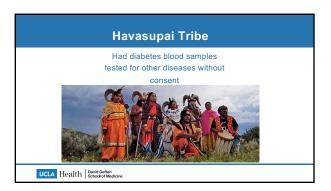


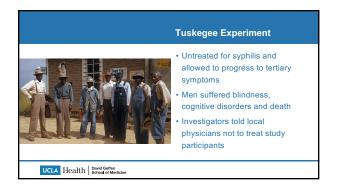




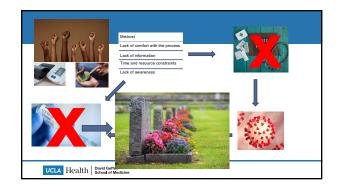




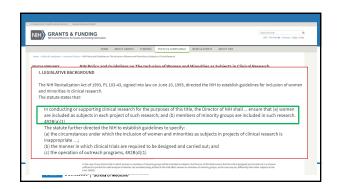






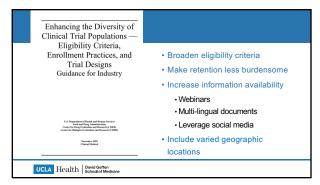




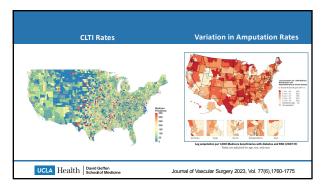


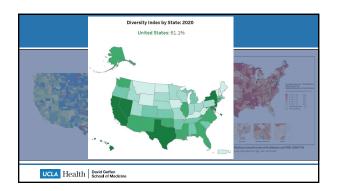
	2013 (%)	2014 (%)	2016 (%)	2017 (%)	2018 (%)
Female	44.3	47.2	54.1	47.9	52.4
American Indian	2.1	1.3	0.8	0.7	1.0
Asian	15.1	17.2	8.4	26.4	7.8
Black/African American	12.2	14.3	10.0	10.8	13.5
Native Hawaiian/Pacific Islander	0.3	0.3	0.6	0.1	0.2
White	52.9	49.5	49.6	49.9	60.0
More than 1 race	1.1	1.1	2.0	1.9	2.3
Unknown race	1.1	1.1	2.0	1.9	2.3
Hispanic	9.8	8.1	10.8	6.7	8.5
Non-Hispanic	86.1	89.6	62.6	81.8	76.2
Unknown ethnicity	4.1	2.3	22.4	9.8	12.0
Sum of all races	84.7	84.8	73.5	91.8	87.2
Sum of all ethnicities	100.0	100.0	95.8	98.3	96.7



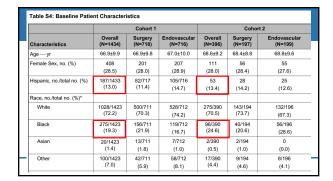


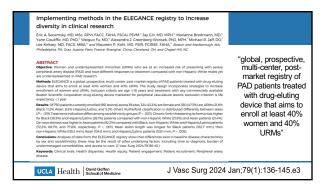


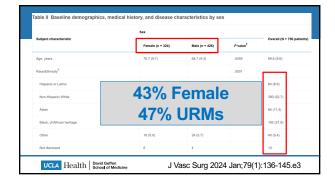


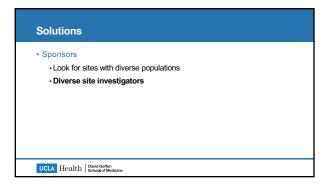














Solutions	
• Sponsors	Reinforce personal health and safety
· Look for sites with diverse populations	Confirm clear information
 Diverse site investigators 	Appreciate involvement
Cultural Competency	Include referring physician
 Whole team (Coordinator) 	Provide transportation,
Demographic reporting	compensation
• Intangibles	Make as patient centric as possible
	Mobile app
UCLA Health David Geffen School of Medicine	Curr Probl Cardiol 2019;44:148-172

Conclusion

- Mistrust and lack of information leading causes
- Efforts to increase underrepresented minorities in clinical trials are underway.
- Consider investigators and hospitals with diverse patient population
- Physician and team training to improve cultural awareness

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