

The Visual Arts and Medicine

Richard Hoppmann MD, FACP

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We are becoming less educated with each technological advance. One element in guarding against the encroachment of the undesirable aspects of technology is via the arts.”

John Stone MD
Cardiologist, Poet and
Editor, *On Doctoring*

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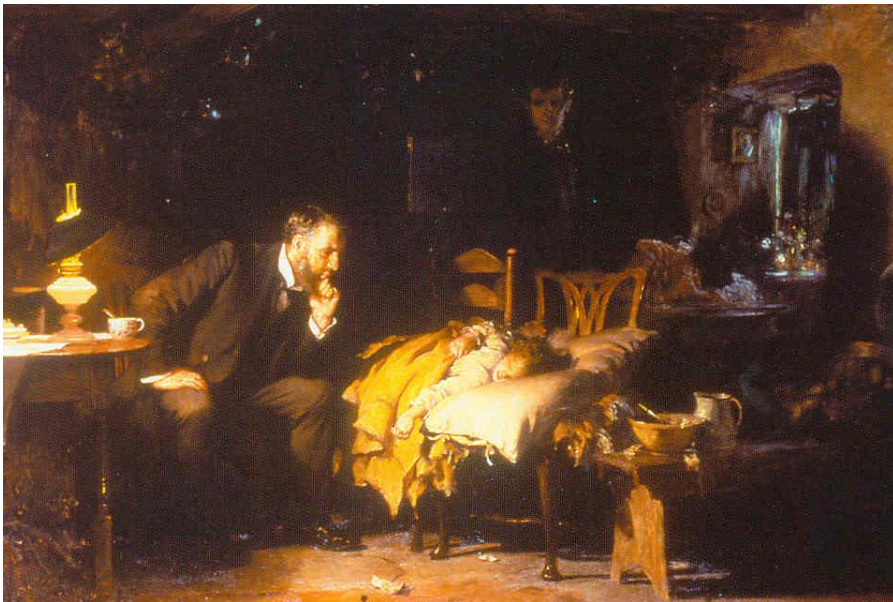
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Picasso - age 16



Science and Charity, 1897

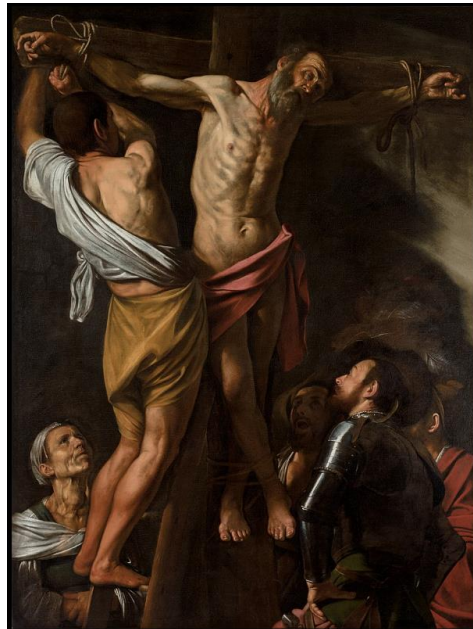
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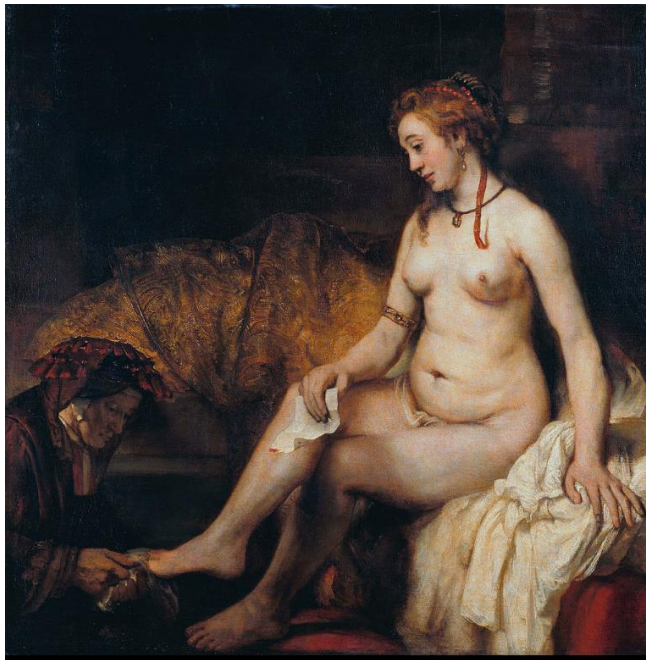
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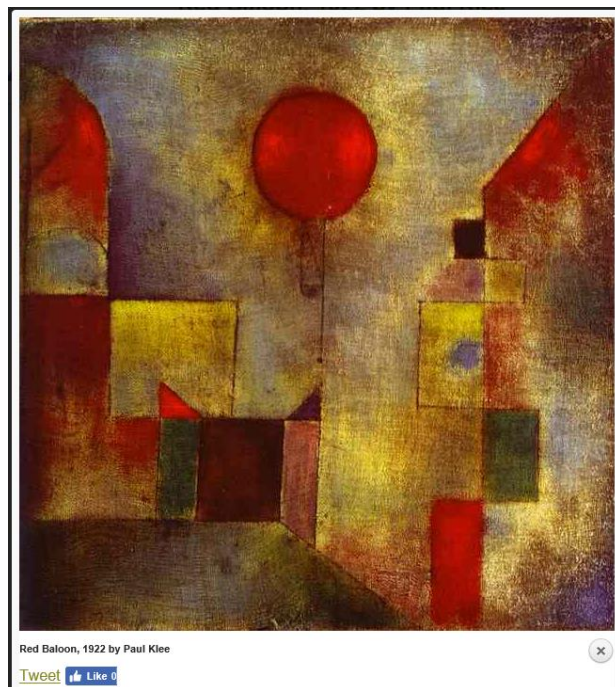
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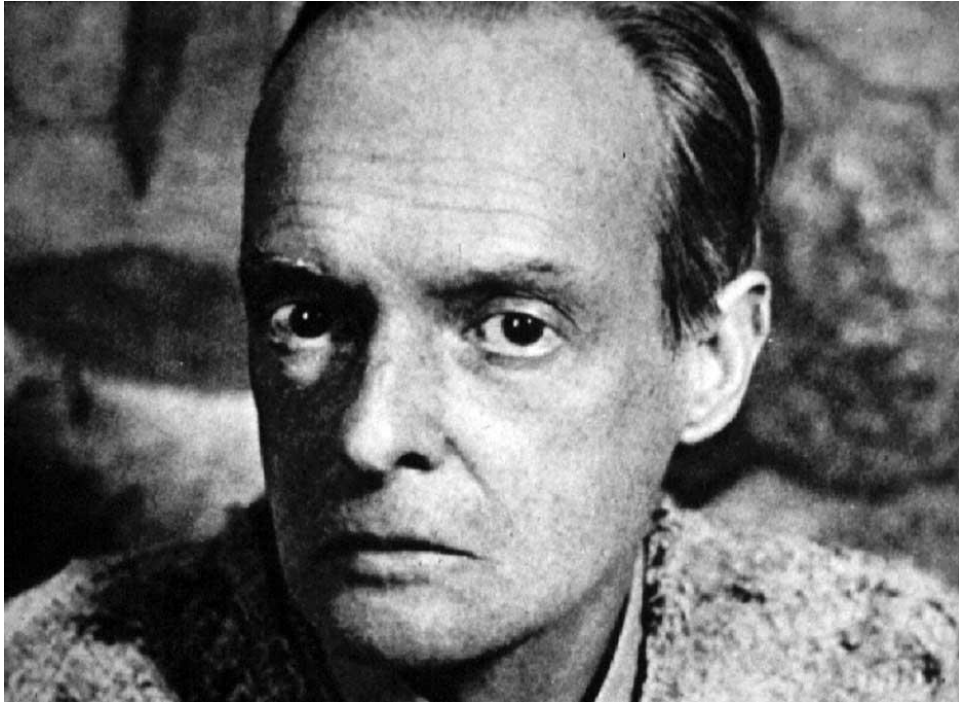
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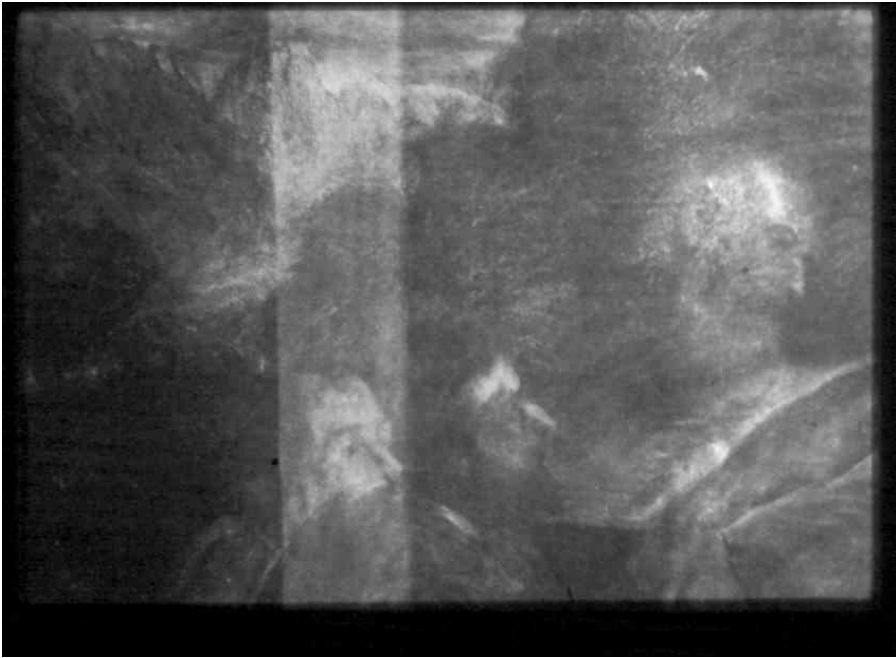
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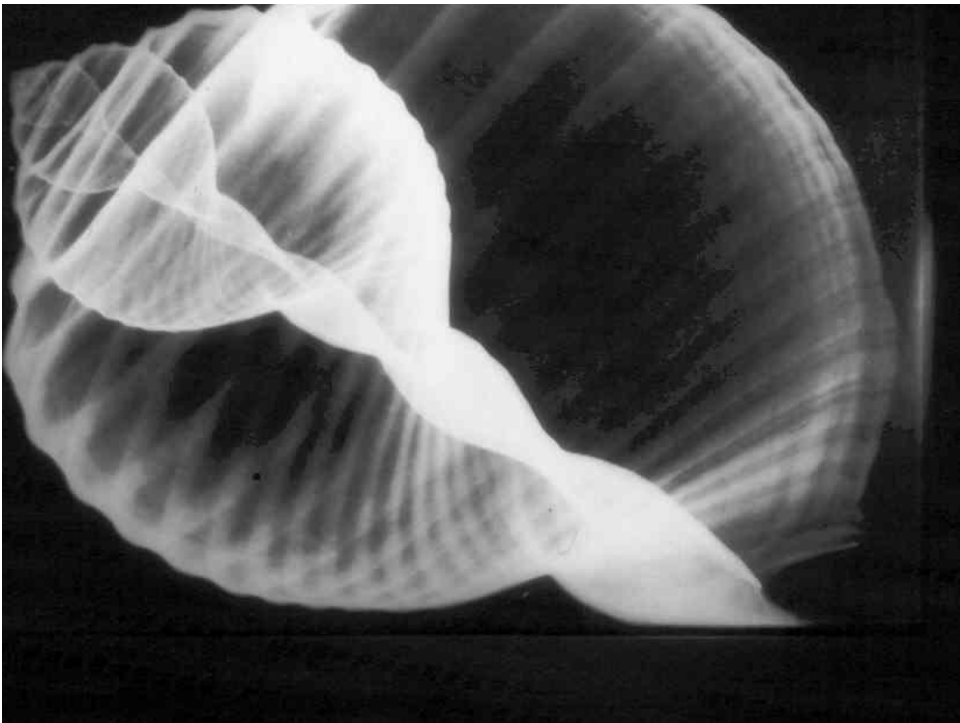
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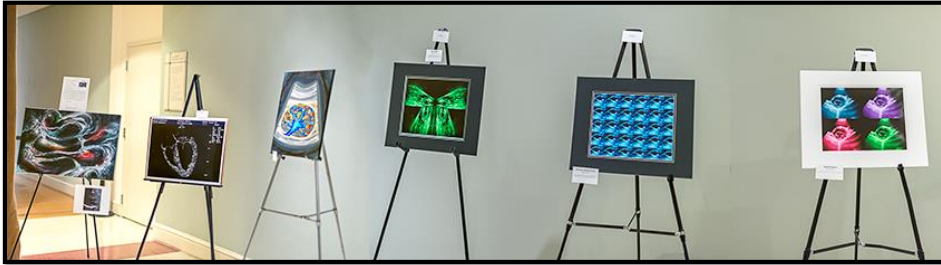


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Ultrasound Art Show



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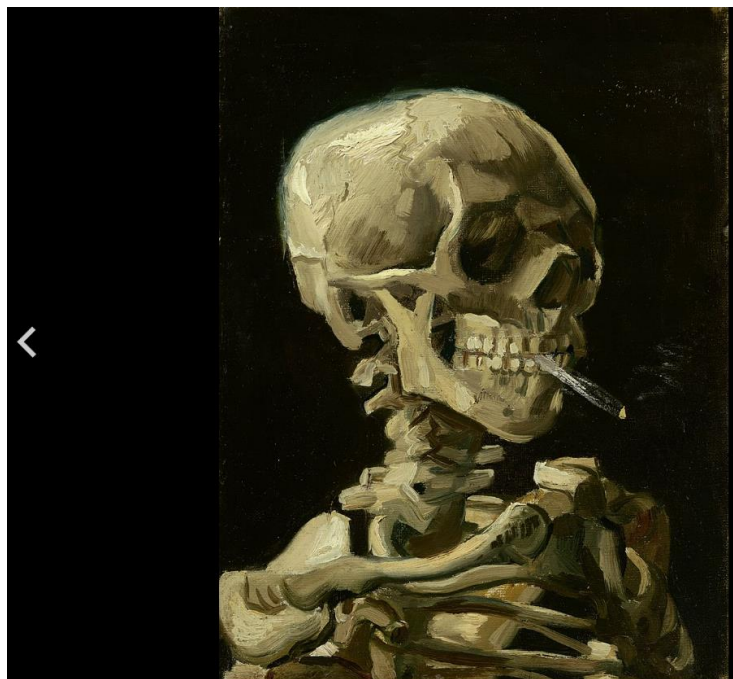
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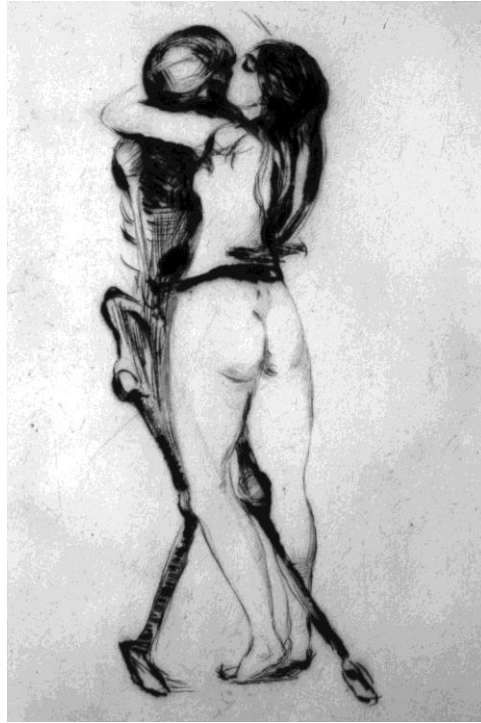


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Skull of a Skeleton with Burning Cigarette, 1885–86. Van Gogh Museum, Amsterdam

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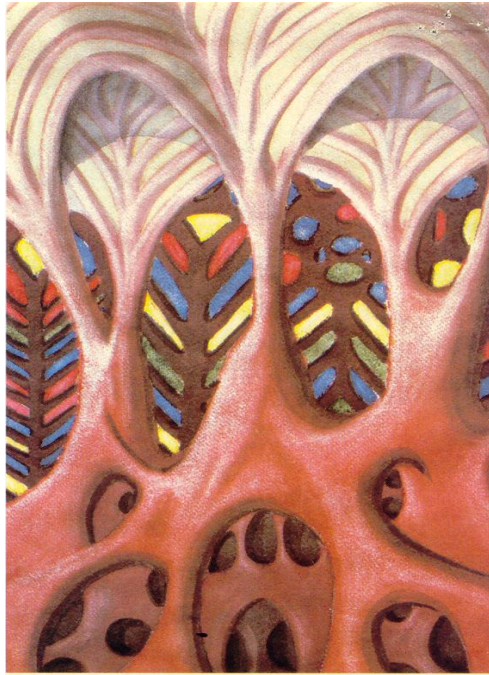
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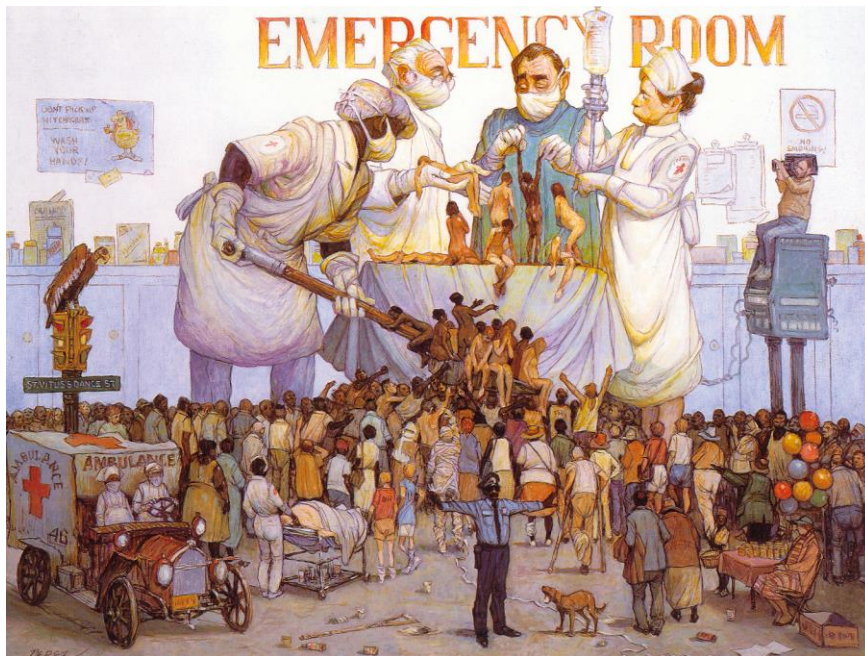
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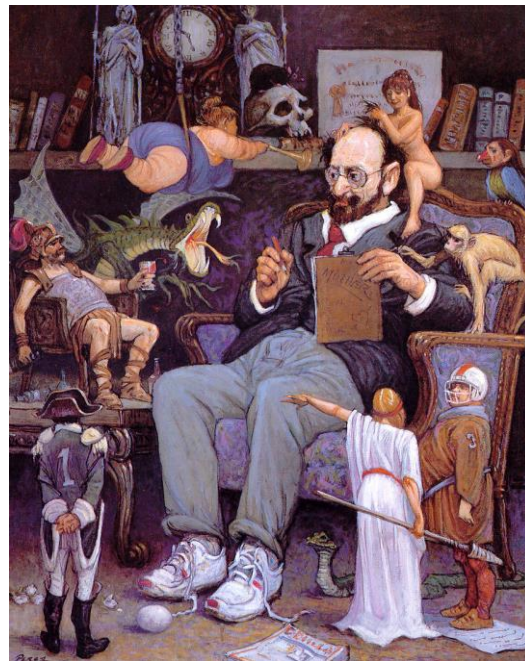
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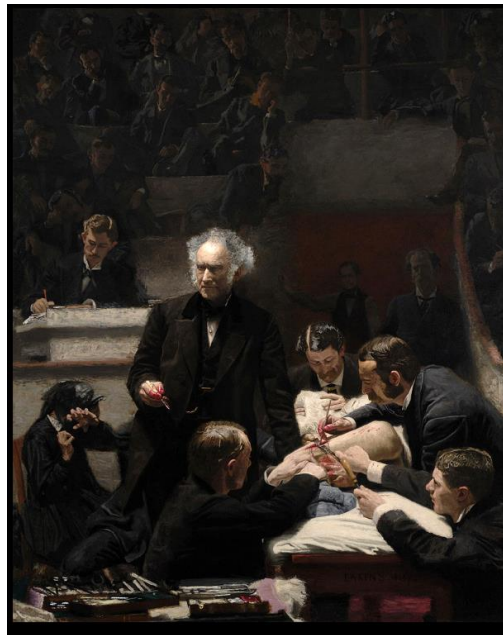
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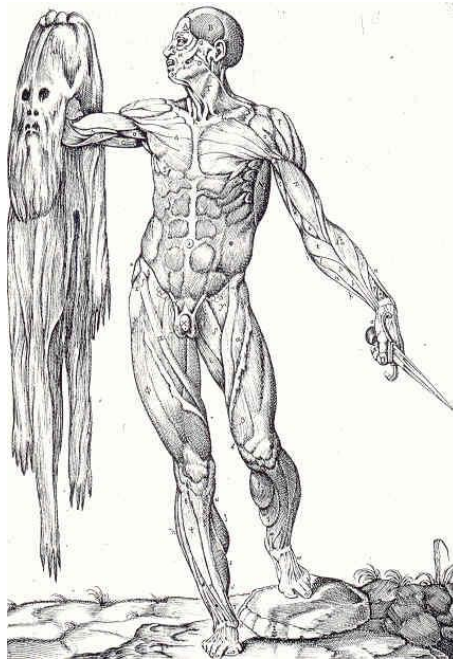
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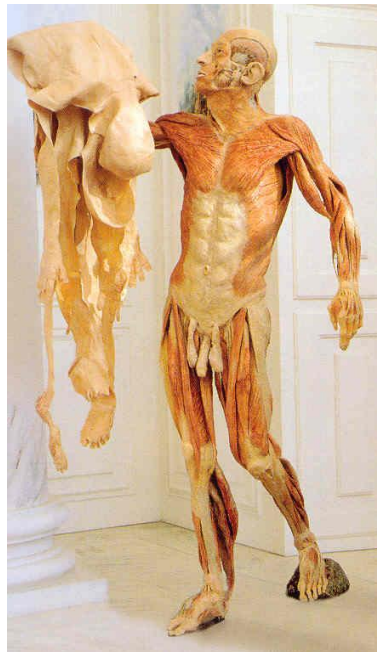
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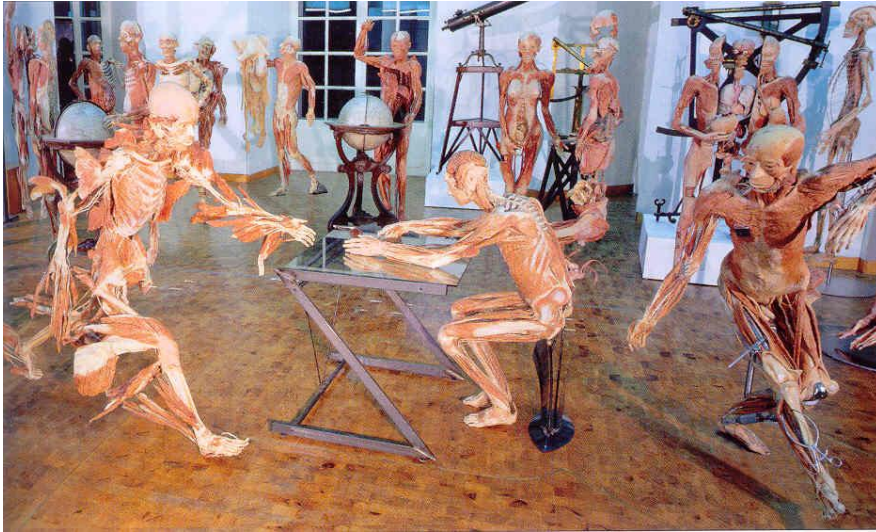
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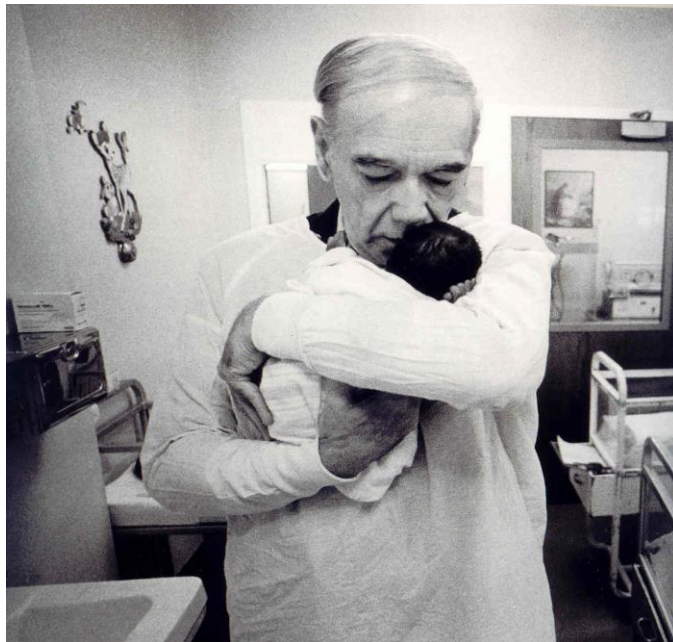
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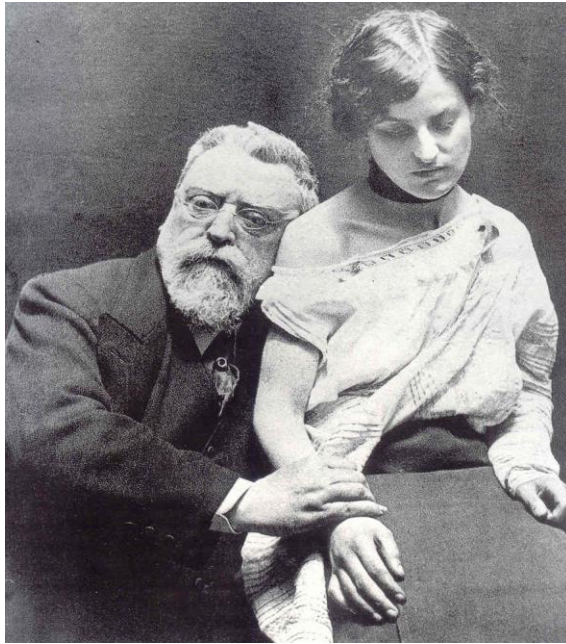
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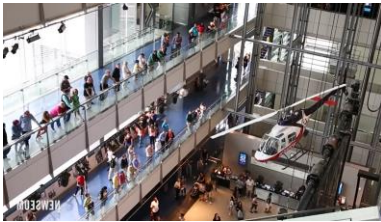
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Photojournalist Guy Adams took this shot of Carter during township violence; behind him, a man uses a trash can lid as a shield.

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Isle of Palms July 9, 2018



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The Biology of Seeing

- How we process the information from our photo-receptors into visual images of the world.
- Two systems: “Where” and “What.”
- Great art can both inform and confirm the science of vision.

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Equiluminance

- Objects have the same degree of luminance irrespective of being different colors.
- “What” system is still able to identify objects but the “Where” system cannot adequately process the information.
- Objects in the scene may appear to vibrate or move - an eerie quality.

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The Hyperrealistic Sculptures of Ron Mueck

ALAN TAYLOR | OCT 5, 2013 | 23 PHOTOS | IN FOCUS

London-based sculptor Ron Mueck, formerly a model maker and puppeteer for children's television and films, has been creating fine art sculptures since 1996. Using resin, fiberglass, silicone, and many other materials, Mueck constructs hyperrealistic likenesses of human beings, while playing with scale. The detailed sculptures are captivating when viewed up close, as they may be many times larger or smaller than expected.

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16. A sculpture entitled "Standing Woman" by Ron Mueck is displayed at the Towada Art Center in Towada, Aomori Prefecture, Japan, on July 11, 2008. #

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17. A man looks at a sculpture titled "A Girl" by Ron Mueck at the National Gallery of Victoria in Melbourne, on February 10, 2010. #

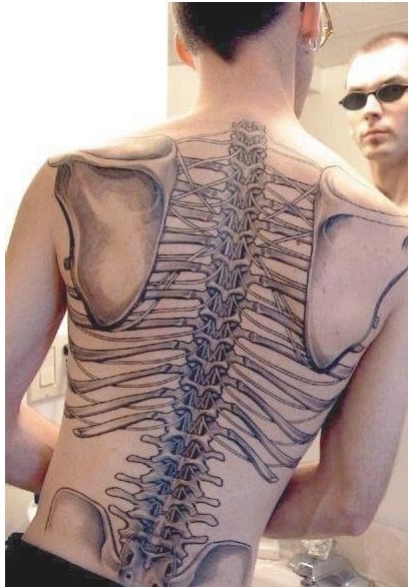
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VR Museum Visits

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“Art and Medicine proceed out of the
same place - the human experience.”

John Stone MD
Cardiologist, Poet and
Editor, *On Doctoring*

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