

# Annotated Bibliography

## Primary Sources

Adams, Glenn, and David Sharp. "A Life-Saving Anniversary." *CBS News*, CBS Interactive, 20 Dec. 2004, <https://www.cbsnews.com/news/a-life-saving-anniversary/>.

This article about the 50th anniversary of the first organ transplant had quotes from Ronald Herrick that I used in my website as well as information about the lives of the people involved with transplant in the years after the event took place.

Dean, Cornelia. "A Conversation With: Joseph E. Murray; On Surgical Innovation and the Questions It Can Raise." *The New York Times*, The New York Times, 25 Sept. 2001, <https://www.nytimes.com/2001/09/25/health/conversation-with-joseph-e-murray-surgical-innovation-questions-it-can-raise.html>.

This interview with Dr. Joseph Murray by the *New York Times* gave me some general information about his work in organ transplantation and reconstructive surgery before he performed the first successful organ transplant during the early 1950s.

Herrick, Linda, and Dexter Walker. "The First Successful Organ Transplant." 11 March 2023.

In this interview with Richard Herrick's daughter, Linda, she told me about her mother and father's relationship after the surgery and how her mother said the media felt about the transplant as far as the risks involved. I used this interview on my website.

*Joseph E. Murray, Nobel Prize in Physiology or Medicine 1990: Interview*, Nobel Prize, 1 Apr. 2022, <https://www.youtube.com/watch?v=J-MZU4CoE9E&t=441s>. Accessed 6 Apr. 2023.

This videotaped interview with Dr. Joseph Murray gave me information about Murray's work in transplantation before and after the Herrick brothers. It also gave me information

about some of the medical innovations that shaped the way organ transplants are done today.

“Kidney Surgery Hailed.” *New York Times*, 24 June 1960, p. 16, <https://timesmachine.nytimes.com/timesmachine/1960/06/24/282583122.html?pageNumber=16>. Accessed 5 Mar. 2023.

This *New York Times* article from 1960 talks about the first successful kidney transplant in non-identical twins which was monumental progress at the time in organ transplantation. I used this article on my short-term impact page.

“Kidney-Transplant Twin Now Normal, Healthy, Doctors Say.” *Boston Globe*, 3 Nov. 1955, p. 5. *Newspapers.com*, <https://www.newspapers.com/image/433633495/?terms=%22Kidney%20Transplant%20Twin%20Now%20Normal%2C%20Healthy%22&match=1>. Accessed 5 Mar. 2023.

This newspaper clipping is a news article from the *Boston Globe* covering Richard Herrick’s health nearly a year after he received his brother’s kidney. I used this clipping on my outcome of the surgery page.

Murray, Joseph E. “The Fight for Life.” *Harvard Medicine Magazine*, <https://hms.harvard.edu/magazine/science-emotion/fight-life>.

In this article, Dr. Murray talks about his experiences as a surgeon from when he was just starting out, to performing on the Herrick brothers and then operating on multiple sets of twins after the first successful organ transplant.

Murray, Joseph E. “Richard and Ronald Herrick First: Identical Twin-Kidney Transplant.” *Surgery of the Soul: Reflections on a Curious Career*, Published for the Boston Medical Library by Science History Publications, Canton, MA, Massachusetts, 2012, pp. 73–81.

I used information from chapter nine of this book which talks about Murray's experiences with the Herrick brothers and the challenges he faced while preparing for the operation.

"Richard Herrick and his wife, Clare, with their two children on Christmas of 1960." From the personal collection of Linda Herrick.

This picture from Linda Herrick, the daughter of Richard Herrick, is a family photo of the Herricks on Christmas of 1960. I used this family photo on my page about the outcome of the surgery.

"Twin Gains in Operation." *New York Times*, 28 Dec. 1954, p. 25, <https://timesmachine.nytimes.com/timesmachine/1954/12/28/84449373.html?pageNumber=25>. Accessed 5 Mar. 2023.

This news article from the *New York Times* talks about the health of Richard Herrick 10 weeks after his operation. I used this article on my page about the outcome of the transplant surgery.

"Twins Fingerprinted in Intricate Test to Prove Them Identical." *Boston Globe*, 16 Dec. 1954, pp. 1,4. *Newspapers.com*, <https://www.newspapers.com/image/433528964/?terms=Richard%20Herrick&match=1>. Accessed 5 Mar. 2023.

This newspaper clipping is a news article from 1954 talking about Ronald Herrick being fingerprinted to prove he and his brother were identical twins. This was one of the necessary tests to help determine whether a transplant would be possible. I used this article on my page about preparing for the transplant.

## Secondary Sources

A., Tomba P;Viganò A;Ruggieri P;Gasbarrini. "Gaspere Tagliacozzi, Pioneer of Plastic Surgery and the Spread of His Technique throughout Europe in 'De Curtorum Chirurgia per Insitionem.'" *European Review for Medical and Pharmacological Sciences*, U.S. National Library of Medicine, <https://pubmed.ncbi.nlm.nih.gov/24610608/>.

This article about Gaspare Tagliacozzi gave me some information about a book that Tagliacozzi wrote and published as well as the details of his skin graft procedures.

Bakalar, Nicholas. "Kidney Transplant." *The New York Times*, The New York Times, 27 July 2009, <https://www.nytimes.com/2009/07/28/health/28first.html>.

This source is a *New York Times* article that covered the first successful organ transplant. I got some general information and a picture of the first news article about the transplant from this article.

Barker, Clyde F, and James F Markmann. "Historical Overview of Transplantation." *Cold Spring Harbor Perspectives in Medicine*, U.S. National Library of Medicine, 1 Apr. 2013, [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3684003/#:~:text=In%201906%2C%20the%20first%20two,the%20other%20\(Jaboulay%201906\)](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3684003/#:~:text=In%201906%2C%20the%20first%20two,the%20other%20(Jaboulay%201906)).

This source gave me a general idea of what my timeline should look like as well as some information about early organ transplantation and how methods changed and developed over the course of hundreds of years.

*From Mary Shelley's Frankenstein To 3-D Printing: Evolution Of Organ Transplants | Mach | NBC News*, NBC News , 24 Jan. 2018, <https://www.youtube.com/watch?v=ge0X9ijtgl8>. Accessed 6 Apr. 2023.

I used this video as a transition from talking about some transplant pioneers into the main story of the Herricks' kidney transplant.

"History of UNOS: The Community of Donation and Transplant Professionals." *UNOS*, 8 Feb. 2023, <https://unos.org/about/history-of-unos/>.

This article gave me some information about the long-term effects of the first organ transplants including UNOS's start and how they have progressed as an organization.

“Joseph Lister's Antisepsis System.” *Science Museum*, 14 Oct. 2018, <https://www.sciencemuseum.org.uk/objects-and-stories/medicine/listers-antisepsis-system#:~:text=Antisepsis%20gave%20us%20a%20way,Joseph%20Lister%2C%201827%E2%80%931912>.

This source is an article on Joseph Lister and antiseptics that gave me general information on surgical innovations that Joseph Lister made. I used this information to help me write text for my website.

Keech, Dr. John, and Dexter Walker. “First Successful Organ Transplant.” 1 Mar. 2023.

In this interview with Dr. Keech of UIHC, I got some information about the history of transplant surgery and the invention of immunosuppressants, as well as methods of transplantation that are currently being developed and tested. I included this interview on my website.

Niblock, Karen, and Dexter Walker. “First Successful Organ Transplant.” 15 Feb. 2023.

In this interview with middle school social studies teacher Karen Niblock, she tells me about the process of her double lung transplant and how it has affected her life. Her transplant surgeon was Dr. John Keech. I included her interview on my website.

“The Nobel Prize in Physiology or Medicine 1960.” *NobelPrize.org*, <https://www.nobelprize.org/prizes/medicine/1960/medawar/lecture/>.

This article gave me some general information about Peter Medawar and his studies on twin cows and the relationship between homozygotic twins’ immune systems, dizygotic twins’ immune systems, and organ rejection.

UNOS. “The History of Organ Donation and Transplantation.” *UNOS*, 27 Dec. 2022, <https://unos.org/transplant/history/>.

This source gave me a general overview of the organ transplantation timeline from the first successful surgery to more recent events in organ transplantation. UNOS stands for United Network for Organ Sharing, which is an organization that manages the U.S. organ transplant system.

Wiseman, Alexander C. "Immunosuppressive Medications." *Clinical Journal of the American Society of Nephrology : CJASN*, U.S. National Library of Medicine, 5 Feb. 2016, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4741049/#:~:text=The%20late%201970s%20and%20early,extracts%20of%20the%20fungal%20species.>

This source covers an essential part of assuring an organ transplant continues to stay successful after the operation, which is immunosuppressive medications. I found some general information about immunosuppressants from this source.

## Images

"All-Time Records Again Set in 2021 for Organ Transplants, Organ Donation from Deceased Donors." *UNOS*, 11 Jan. 2022, <https://unos.org/news/2021-all-time-records-organ-transplants-deceased-donor-donation/>.

Babb, Joel. *The First Successful Kidney Transplantation*, 1996. Oil on canvas, 70"× 88". The Harvard Medical Library in the Francis A. Countway Library of Medicine, Boston, Massachusetts. Reproduced with permission. Available from <https://onlinelibrary.wiley.com/doi/full/10.1111/j.1600-6143.2007.01861.x>.

Dean, Cornelia. "Joseph E. Murray, Transplant Doctor and Nobel Prize Winner, Dies at 93." *The New York Times*, The New York Times, 27 Nov. 2012, <https://www.nytimes.com/2012/11/28/health/dr-joseph-e-murray-transplant-doctor-and-nobel-winner-dies-at-93.html>.

The Editor: Italy On This Day. "Gaspare Tagliacozzi - Surgeon." *Gaspare Tagliacozzi - Surgeon*, 1 Jan. 1970, <https://www.italyonthisday.com/2018/11/gaspare-tagliacozzi-surgeon.html>.

"Joseph Lister." *BBC Bitesize*, BBC, 6 Dec. 2019, <https://www.bbc.co.uk/bitesize/topics/zxwxvcw/articles/zkpdjrj6>.

"Joseph Murray Receiving The Nobel Prize." *Omeka RSS*, <https://collections.countway.harvard.edu/onview/items/show/12705>.

"Kidney-Transplant Twin Now Normal, Healthy, Doctors Say." *Boston Globe*, 3 Nov. 1955, p. 5. *Newspapers.com*, <https://www.newspapers.com/image/433633495/?terms=%22Kidney%20Transplant%20Twin%20Now%20Normal%2C%20Healthy%22&match=1>. Accessed 5 Mar. 2023.

Narain, Charvy. "Peter Medawar at Oxford: The Path to A Nobel Prize: ." *University of Oxford*, 3 Mar. 2015, <https://www.ox.ac.uk/news/science-blog/peter-medawar-oxford-path-nobel-prize>.

"Ronald-and-Richard-Herrick." *Transplant Living*, 12 Dec. 2017, <https://transplantliving.org/living-donation/history/attachment/ronald-and-richard-herrick/>.

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Stern, Victoria. "The First Surgeon Nobel Prize Winner: Emil Theodor Kocher, MD ." *Generalsurgerynews.com*, General Surgery News , <https://www.generalsurgerynews.com/In-the-News/Article/06-14/The-First-Surgeon-Nobel-Prize-Winner-Emil-Theodor-Kocher-MD/27648>.