



Yuva Vani

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Thrombosis in politicians

By: Mala Niverthi, Richa Mahajan, Saanvi Tatipalli, Vivaan Karnik, The GTF Group of volunteers

Introduction

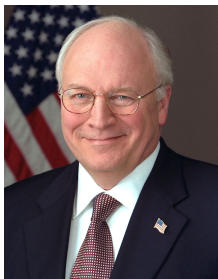
There are several politicians around the globe. You might think that all of them are immune to any disease. You will be surprised by how wrong you are, we found that indeed many of them suffered from blood clots, irrespective of their age, gender, race, and nationality. Let us review the real life stories of some of these individuals.

Calvin Coolidge (Figure 1)



He was the 30th President of the United States, a caucasian, who died at age 60 in 1933. He experienced sudden heart attack after a series of cardiovascular complications that were magnified by his depression.

Dick Cheney (Figure 2)



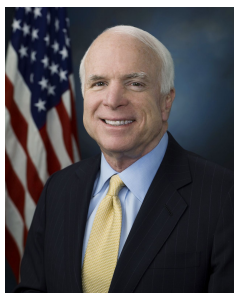
Dick Cheney is a caucasian male, and served as the vice president under President George W. Bush. At age 66, after a series of long airplane flights, he developed Deep Vein Thrombosis in his left calf. He was given anticoagulants Mr. Cheney is alive and retired.
Hillary Clinton (Figure 3)



Hillary Clinton, a female American politician, was the U.S. Secretary of State. She was also a former first lady of the United States. At age 65, she was diagnosed with a rare case of cerebral venous thrombosis. Earlier the month of her incident, she had suffered from concussion, which could be a likely cause. She was on anticoagulants. Ms. Clinton had a history of several blood clots, one of which occurred during her time as first lady. Many of them were life threatening, but fortunately, she managed to survive. She is still alive today.
John Conally (Figure 4)



John Conally was the 39th Governor of Texas and the 61st United States Secretary of the Treasury. Mr. Conally suffered from PE.
John McCain (Figure 5)



John McCain's thrombosis was identified at around the age of 80. He was a caucasian male. McCain's blood clot, 5 cm in diameter, was discovered in 2017. The clot was located in an area above his left eye, which was once the site of melanoma. The surgery to remove the clot also revealed a glioblastoma (aggressive brain cancer), which was treated soon after being found. McCain died on August 25th, 2018 due to the glioblastoma that had never fully disappeared. Evidence confirms that this tumor was linked to the blood clot.

Richard Nixon (Figure 6)



One month after he resigned, Mr. Nixon, the EX-President of the U.S., developed signs of a DVT. Mr. Nixon had a history of inflammation in the superficial veins, with the first episode in 1964 after overseas trips. He had a second event early in 1974 just a few months before he resigned. Later on, he developed a painful swollen leg which progressed rapidly. Mr. Nixon became breathless and had a documented pulmonary embolism. A venogram showed he had a massive clot up to the inferior vena cava.

Senator Renee Unterman (Figure 7)



Senator Renee Unterman is a Georgia Senator from District 45, the Chairperson of the Health and Human Services of the State of Georgia. A few years ago, she was in San Diego on a vacation when all of a sudden she developed acute pain in her foot. She thought that it was a sprained ankle. She flew from San Diego to Atlanta, and her physicians found that she had suffered from DVT. She later on was on medications for thrombosis and was cured. She wrote an article for GTF, "Is a Politician exempt from getting an attack of DVT?"

Here is a tabulation of the politicians to see if they had some common factors that lead to thrombotic conditions.

<u>Person</u>	<u>Age</u>	<u>Gender</u>	<u>Race</u>	<u>Nationality</u>	<u>Occupation</u>
Calvin Coolidge	60	Male	White	American	President
Dick Cheney	66	Male	White	American	Vice-President
Hillary Clinton	65	Female	White	American	First Lady, Secretary of State
John Conally		Male	White	American	Secretary of Treasury
John McCain	80	Male	White	American	Senator
Richard Nixon		Male	White	American	President
Renee Unterman	55	Female	White	American	Senator

Conclusions

We were amazed how common thrombosis was in this group of politicians. Remember, all of these are like each one of us, and nature does not discriminate between them and us when you look at the incidence of thrombotic conditions. From our research, we find that no age, gender, race and nationality is exempt from getting thrombosis, and preventing these conditions is everyone's responsibility, in addition to that of each nation.

Acknowledgements

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References

- https://en.wikipedia.org/wiki/Brian_Vickers
<https://bloodclotrecovery.net/brian-vickers-is-raising-blood-clot-awareness/>
<http://indianperiodical.com/2018/08/bonnie-bernsteins-experience-with-thrombosis/>
<https://www.politico.com/story/2019/01/05/calvin-coolidge-dies-1933-1079489>
https://en.wikipedia.org/wiki/James_Stewart
<https://www.miamiherald.com/sports/nba/miami-heat/article228263974.html>
<https://www.theringer.com/the-bill-simmons-podcast/2018/3/9/17098274/chris-bosh-bill-simmons-podcast-blood-clot-health>
<https://www.britannica.com/biography/Dick-Cheney>
<https://www.theguardian.com/world/2007/mar/06/usa.dickcheney1>
<https://www.fridakahlo.org/frida-kahlo-biography.jsp>
<https://abcnews.go.com/Health/hillary-clinton-blood-clot-life-threatening-medical-experts/story?id=18101213>
<https://www.medicinenet.com/script/main/art.asp?articlekey=166529>
<https://abriefhistory.org/?p=6201>
https://en.wikipedia.org/wiki/Hrithik_Roshan
<https://timesofindia.indiatimes.com/entertainment/hindi/bollywood/news/Hrithik-Roshan-undergoes-brain-surgery/articleshow/20962734.cms#:~:text=Late%20on%20Saturday%2C%20the%2039,the%20result%20of%20head%20injuries.>
<https://medlineplus.gov/ency/article/000713.htm>
<https://www.history.com/topics/us-politics/john-mccain>
<https://www.webmd.com/cancer/brain-cancer/news/20180825/us-sen-john-mccain-dies-after-brain-tumor-fight>
https://en.wikipedia.org/wiki/Katie_Hoff
<https://www.stoptheclot.org/patient-stories/katie-hoffs-blood-clot-story/>
<https://vascularcures.org/2018/01/13/serena-williams-and-her-experience-with-pulmonary-embolisms/>
<https://www.self.com/story/serena-williams-blood-clots-australian-open>
<https://www.hindustantimes.com/cricket/navjot-singh-sidhu-hospitalised-with-blood-clot-in-leg/story-anc4CFRVIXoH4Fb3eyXPOK.html>
<https://www.hindustantimes.com/sports/navjot-sidhu-making-steady-recovery-at-indrapastha-hospital/story-d3oMWQNTOIYYL1h7q860Wl.html>



https://en.wikipedia.org/wiki/Dennis_Farina
<https://www.stoptheclot.org/news/dennis-farina/>

End the Misery, Stop Human Trafficking

By: **Malvika Sawant and Rishi Bappanad**

Physicians for Human Rights is an organization that works at the intersection of medicine, science, and law to secure human rights and justice for all. It is a global organization spread throughout multiple institutes and has its first high school establishment at Johns Creek High School located in Atlanta, Georgia. There are many advocacy areas that Physicians for Human Rights, PHR (<https://phr.org/>), works to investigate and document in order to plant seeds of reconciliation for survivors. The chapter found at Johns Creek High School was started by two high school students, Malvika Sawant and Rishi Bappanad. The main advocacy of the chapter present at Johns Creek High School is combatting human trafficking.

Now, many people do not recognize the impact human trafficking can bring to society. Human trafficking is a global problem and one of the world's most shameful crimes, affecting the lives of millions of people around the world and robbing them of their dignity. Traffickers deceive women, men, and children from all over the world and force them into exploitative situations every single day.

Johns Creek High School is located in the suburban area of Atlanta which is highly known for its ongoing activities of human trafficking. It comes under the top 5 cities in America for its deceiving acts of trafficking. In a five year span, the Atlanta trafficking industry went from \$232 million to \$290 million – more than the revenue generated by metro Atlanta's illegal drug and gun trade combined.

This chapter recognizes this issue and wants to bring attention to it. This chapter



helps engage students and professionals dedicated to the promotion and advancement of human rights. The program provides students with the resources, training, and networks to develop the skills to advocate for human rights. Through the program, students can organize local direct actions on human rights issues. This includes organizing educational events, screening important documentaries, sponsoring panel discussions, and

participating in advocacy days at the local and national levels. Veena Mehta, the regional chapter mentor, helps guide the chapter and coordinates with the national program. PHR has even established connections within the Georgia Congress with members such as Senator John Albers and Representative Angelika Kausche. Students involved in the chapter are invited to attend and participate in the annual National PHR Student Conference, generally held in late fall, at a prestigious university.

So far, PHR has done a few activities to help those in need currently during the ongoing pandemic. For example, PHR has conducted a food drive, created hand sanitizers, made over 140 masks, and constructed 145 COVID-19 kits to assist survivors of human trafficking stay safe and healthy. The kits consisted of masks, face-shields, hand-sanitizers, soap paper sheets, and other essentials.

The activities that PHR has conducted till now were within a few months carried out by the board members, Malvika Sawant (President), Rishi Bappanad (Vice President), Ananya Shetty (Treasurer), Anvita Yerramsetty (Secretary), Shazeb Patel (Public Relations), Arya Shah (Event Manager), and Veeraj Patel (Community Service Director), due to the current pandemic situation.



These activities were aimed at combatting COVID-19 in anti-human trafficking facilities such as House of Cherith, Wellspring Living, and YouthSpark. As the healthy future approaches, PHR Johns Creek will be able to conduct more in person events. Some of the current plans are to conduct a book drive, clothes drive for the upcoming winter, and online tutoring sessions to assist survivors of human trafficking with their education. Furthermore, PHR plans on attending the National PHR Student Conference, whether it is online or in person. These are a few plans from now up until Christmas to help our main advocacy. If one would like to join Physicians for Human Rights, they can email johnscreekphr@gmail.com and check out our Instagram [@phrjohnscreek](https://www.instagram.com/phrjohnscreek). PHR Johns Creek is always looking for more volunteers!

The aim is to expand upon a large platform to reach out to multiple shelters PHR can support and conduct many more projects over the years. PHR is an organization that is quite crucial as it helps unfortunate victims and brings out an unaware topic. PHR believes that everyone has a skill to contribute that can help an individual struggling in this lonely battle of human trafficking, and together we can stop human trafficking and modern day slavery in our lifetime. PHR will continue to battle trafficking within the coming years and help create a positive difference within the society.

Does Alien Life Exist?

By: **Ria Alurkar**

Hundreds of science fiction writers explore the idea of extraterrestrial life in their stories. Sometimes, they are friendly, stranded creatures who just want to get home, like in the movie E.T. In other cases, these aliens are malicious, superior beings trying to exploit human resources or enslave us all. While these fictional tales are fun to dwell on, they are not realistic.

Nevertheless, it's hard to push away the idea that some life exists out in the vast expanse of the universe. There are two billion to two trillion galaxies in the visible part of the universe alone, each with billions of planets, countless solar systems similar to ours. Obviously, the development of intelligent life on our own planet was a rare phenomenon, and so many events had to occur in such a precise way. Yet when you look at the figures, the possibility of life on other planets is unquestionable.

Well, if life does exist on other planets, what would it look like? Aliens would most likely not be humanoid with a few extra limbs or eyes. Nor is it probable that they are technologically advanced.

As mentioned before, our evolution was so unbelievably unique that it almost seems impossible that we exist. It's unlikely that these extraterrestrials are past their unicellular phase of evolution. The events that occurred on our planet might be taking place right now on theirs. They could still be microscopic organisms, feeding off of volcanic gases at the bottom of their oceans. Perhaps they are just developing an awareness of their surroundings.

Even if we were to find complex life, they would most likely be entirely different, because a different set of unique events would occur, resulting in bizarrely different anatomy, physiology, and culture. For example, they might breathe methane or a different compound, absorb nutrients from their skin, or worship the stars. Humans have no way of predicting what kind of creatures they will find.

To sum up, there's a good chance that we are not alone in the universe, but it's likely we won't find anyone similar to us. All we can do is keep exploring and imagining. The further we explore in space, the more we will learn about the great expanse that surrounds us.

The Artists Nook

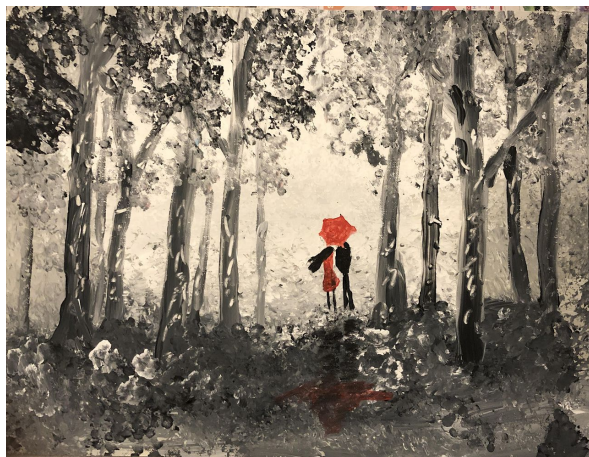
By: Yash Kankariya



Sunset over the Trees



Vector Hypercar



Couple in the Rain

Note
from



Skyfishing

Editors

Hello readers,

As you can see, our Newsletter contains more than just typical fact-based articles. We are here to give you an opportunity to explore your creative side as well as give them a platform to voice their opinions. After this issue, we are opening the gates for all youth to submit their journal articles, creative writing, photography, or nonfiction writing . Every month, our team will choose the best from each category, and it will be displayed in the upcoming issue. So, simply put, even if you are a fierce advocate for change or someone who enjoys knitting together the threads of their vast imagination for fun, this newspaper has a place for you. Submit your work at the email provided below and we will try our best to incorporate your work into the Bruhan Maharashtra Mandal (BMM) Newsletter.

Thank you for reading,

Ria Alurkar, Pinak Chitnis, Yash Kankariya, Gargi Khadse, Janhavi Kulkarni

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