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Title

Providing Personal Protective Equipment to Frontline Healthcare Workers during the COVID-19 Pandemic

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Providing Personal Protective Equipment to Frontline Healthcare Workers during the COVID-19 Pandemic

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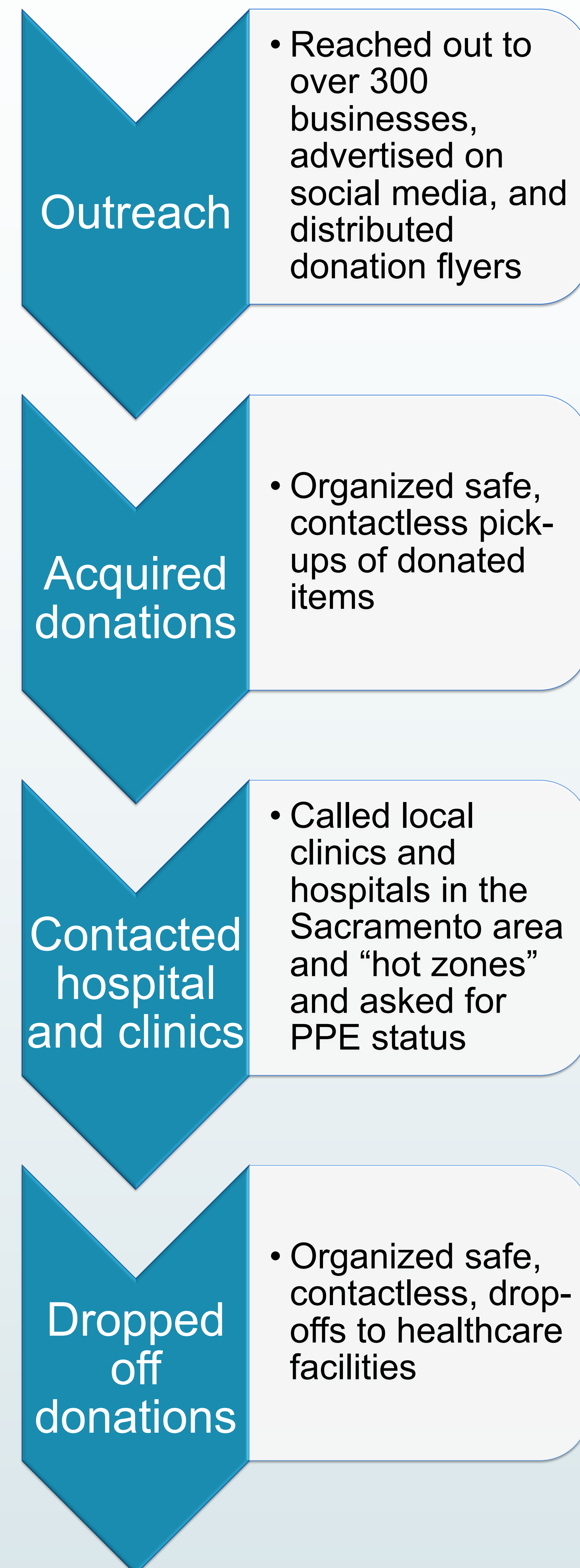
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Introduction

In the beginning of 2020, the United States experienced a shortage of personal protective equipment (PPE) for healthcare workers fighting the COVID-19 pandemic. This shortage of PPE partially contributed to healthcare providers contracting COVID-19¹. In response to the PPE crisis, UC Davis medical students organized the UC Davis COVID-19 Response Team and collaborated with MedSupplyDrive, a 501(c)(3) non-profit organization created in March 2020 to address PPE shortages. MedSupplyDrive regional coordinators worked with medical student volunteers to address the PPE shortage by collecting PPE from the community and distributing it to hospitals and clinics in need.

Methodology



Results

After contacting over 300 businesses and advertising through social media, we had 17 donors. After contacting local healthcare facilities, we had 5 acceptors. A total of 12,527 items were donated and delivered.

Acceptors	Donations
Kaweah Delta Health Care	57 N95 masks 1200 gloves
UC Davis Central Receiving	1270 N95 mask 5150 surgical masks 400 gloves
SacSOUP	50 Hygiene kits
Navajo Nation	4,050 gloves 50 N95 masks
Sacramento County Public Health	300 face shields

Delivery Inventory

Gloves (boxes)	5650
Surgical masks	5150
N95 masks	1377
Face shields	300
Hygiene kits	50

Conclusion

An adequate supply of PPE is important for the safety of individuals working in healthcare institutions and can help reduce the spread of COVID-19. Medical students in partnership with MedSupplyDrive helped address the PPE shortage by collecting and distributing PPE to hospitals and clinics in California.

References

1. Risk of COVID-19 due to Shortage of Personal Protective Equipment. (2020, June 1). PubMed Central (PMC). <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7386059/>

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