

# Perception of the Impact of Plastic Surgery on Climate Change

Healthcare, particularly surgery, is a major contributor to climate change



There is limited clarity on public awareness regarding this association and its influence on patients' perceptions of plastic surgery



Adults in the United States



Cross-sectional anonymous survey



Assessment of public perceptions on:



Climate change



Plastic surgery



Healthcare

Total complete responses  
**890**

**89%**

Agreed/strongly agreed that climate change is occurring

**62%**

Believed that healthcare adversely affects climate change

**64%**

Worried about the environmental impact of cosmetic plastic surgery after being briefed about its negative effects

Several prospective patients were willing to:



Adopt personal climate change mitigation measures such as choosing:

Sustainably-sourced food (43%)  
Telehealth visits (40%)  
Shared patient rooms (32%)



Pay higher professional fees to support sustainable hospital practices such as:

Use of nuclear energy (42%)  
Purchase of sustainable medical products (41%)  
Use of wind/solar energy (40%)  
Use of any sustainable practice (20%)

**Informing patients regarding the negative impact of plastic surgery and healthcare on climate change can encourage them to adopt climate change mitigation measures and promote sustainable healthcare**