

# Download Examples Of Disruption In Homeostasis

Disease and Disruption of Homeostasis. Examples include the changes in heart rate or respiratory rate in response to increased activity in muscle cells, the maintenance of blood sugar levels by insulin from the pancreas, and the changes in openings in the leaves of plants by guard cells to regulate water loss and gas exchange. This is an example of medical help in stabilizing a disruption in homeostasis. Environmental Exposure. Any substance that interferes with cellular function and causes cellular malfunction is a cellular toxin. There are many different sources of toxins, for example, natural or synthetic drugs, plants, and animal bites. Homeostasis is not restored. High levels of blood sugar can damage blood vessels. This can lead to:

- Blindness
- Kidney failure
- Cardiovascular disease
- Loss of sensation
- Ulcers and gangrene sometimes requiring amputation of the toes or foot.

Syndromes of Disrupted Homeostasis. It may be thought that the sphincter has become incapacitated. But the sphincter is supposed to open when food goes from esophagus to stomach and close when the stomach contracts. The problem is one of mis-coordination, an autonomic problem., Examples Of Disruption In Homeostasis.

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