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Vocabulary Builder Reference from...

Alicia Chong Rodriguez: A smart bra for better heart health | TED Talk

https://www.ted.com/talks/alicia_chong_rodriguez_a_smart_bra_for_better_heart_health

Advanced Words Only

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Session 1: Word List

dedicate

v. to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

synonym: consecrate, devote, commit

(1) **dedicate** a few hours, (2) **dedicate** a chapter to the subject

He **dedicated** his life to helping others.

obstetrician

n. a physician who specializes in caring for women during pregnancy, childbirth, and the postpartum period

synonym: doctor, gynecologist, accoucheur

(1) **obstetrician** appointment, (2) female **obstetrician**

The new mother was grateful for the support she received from her **obstetrician**.

cofounder

n. one of several people who establishes an organization or starts a business

(1) **cofounder** of the university, (2) late **cofounder**

He is the **cofounder** and chairman of this tech company.

subgroup

n. a smaller group within a larger group

synonym: subset, division, segment

(1) **subgroup** of the population, (2) patient **subgroup**

The researchers divided the study participants into two **subgroups**.

underrepresented

adj. not adequately or proportionately represented, often in terms of a particular group, population, or perspective being excluded or marginalized

synonym : belittled, marginalized, disadvantaged

(1) feel **underrepresented**, (2) **underrepresented** data
Underrepresented communities need more support and resources to achieve equity.

turbocharger

n. a device used to increase the power and efficiency of an internal combustion engine by compressing the air entering the engine, thereby increasing the amount of fuel that can be burned and the power that can be generated

synonym : supercharger, blower, compressor

(1) **turbocharger** boost, (2) **turbocharger** kit

The **turbocharger** in the truck's diesel engine forced more air into the combustion chamber.

perpetuate

v. to make something continue or prevail for a long time

synonym : eternalize, preserve, maintain

(1) **perpetuate** a myth, (2) **perpetuate** chronic pain

That work **perpetuates** his fame.

corset

n. a tightly fitting undergarment worn to shape the torso, particularly to create an hourglass figure by compressing the waist and supporting the bust

synonym : waist cincher, stays, girdle

(1) leather **corset**, (2) orthopedic **corset**

She wore a **corset** under her dress to give her waist a more defined shape.

augment

v. to increase the size, extent, quantity, etc. of something by adding something to it

synonym : boost, increase, expand

(1) **augment** the reality, (2) **augment** immunity
Economic factors and monetary policy **augmented** inflation.

lifesaver

n. a device or person that saves someone's life, often in an emergency or dangerous situation

synonym: rescuer, savior, protector

(1) **lifesaver** ring, (2) emergency **lifesaver**

The GPS device was a **lifesaver** when we got lost in the middle of nowhere.

lifesaving

n. the act or process of rescuing someone else's life, especially from drowning

(1) **lifesaving** efforts, (2) **lifesaving** device

The patient needs a **lifesaving** transplant operation.

torso

n. the human trunk from the neck to the abdomen

synonym: trunk, body, frame

(1) **torso** injury, (2) a **torso** in bronze

He was hit in the **torso** and was rushed to the hospital.

decode

v. to convert something, such as a message or piece of information, from a specific form into one that you can understand

synonym: decipher, translate, interpret

(1) **decode** a message, (2) ability to **decode** the differences

The software could **decode** the encrypted data and reveal the hidden information.

arrhythmia

n. a medical condition in which the heartbeat is irregular, too slow, or too fast, which can cause the heart to pump blood less effectively and lead to a variety of symptoms such as palpitations, fatigue, shortness of breath, chest pain, or even fainting

synonym: irregular heartbeat, dysrhythmia, arrhythmic disorder

(1) **arrhythmia** treatment, (2) heart **arrhythmia**

The patient was diagnosed with an **arrhythmia**, causing irregular heartbeats.

biomarker

n. a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention

synonym: indicator, measure, signature

(1) diabetes **biomarker**, (2) **biomarker** discovery

The **biomarker** test showed that the patient was responding well to the treatment.

medicinal

adj. of or relating to the treatment or cure of disease

synonym: curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

Session 2: Spelling

1. heart arr_____ia
n. a medical condition in which the heartbeat is irregular, too slow, or too fast, which can cause the heart to pump blood less effectively and lead to a variety of symptoms such as palpitations, fatigue, shortness of breath, chest pain, or even fainting
2. lif_____ng device
n. the act or process of rescuing someone else's life, especially from drowning
3. obs_____ian appointment
n. a physician who specializes in caring for women during pregnancy, childbirth, and the postpartum period
4. feel und_____ted
adj. not adequately or proportionately represented, often in terms of a particular group, population, or perspective being excluded or marginalized
5. a to__o in bronze
n. the human trunk from the neck to the abdomen
6. traditional me_____al
adj. of or relating to the treatment or cure of disease
7. patient su_____up
n. a smaller group within a larger group
8. emergency li_____er
n. a device or person that saves someone's life, often in an emergency or dangerous situation
9. li_____er ring
n. a device or person that saves someone's life, often in an emergency or dangerous situation

ANSWERS: 1. arrhythmia, 2. lifesaving, 3. obstetrician, 4. underrepresented, 5. torso, 6. medicinal, 7. subgroup, 8. lifesaver, 9. lifesaver

10. arr_____ia treatment *n.* a medical condition in which the heartbeat is irregular, too slow, or too fast, which can cause the heart to pump blood less effectively and lead to a variety of symptoms such as palpitations, fatigue, shortness of breath, chest pain, or even fainting
11. to__o injury *n.* the human trunk from the neck to the abdomen
12. au_____t the reality *v.* to increase the size, extent, quantity, etc. of something by adding something to it
13. diabetes bi_____er *n.* a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention
14. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
15. late co_____er *n.* one of several people who establishes an organization or starts a business
16. orthopedic co____t *n.* a tightly fitting undergarment worn to shape the torso, particularly to create an hourglass figure by compressing the waist and supporting the bust
17. per_____te chronic pain *v.* to make something continue or prevail for a long time
18. leather co____t *n.* a tightly fitting undergarment worn to shape the torso, particularly to create an hourglass figure by compressing the waist and supporting the bust

ANSWERS: 10. arrhythmia, 11. torso, 12. augment, 13. biomarker, 14. medicinal, 15. cofounder, 16. corset, 17. perpetuate, 18. corset

19. und_____ted data *adj.* not adequately or proportionately represented, often in terms of a particular group, population, or perspective being excluded or marginalized
20. ability to de___e the differences *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
21. au_____t immunity *v.* to increase the size, extent, quantity, etc. of something by adding something to it
22. tur_____ger kit *n.* a device used to increase the power and efficiency of an internal combustion engine by compressing the air entering the engine, thereby increasing the amount of fuel that can be burned and the power that can be generated
23. de_____te a few hours *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
24. per_____te a myth *v.* to make something continue or prevail for a long time
25. de___e a message *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
26. co_____er of the university *n.* one of several people who establishes an organization or starts a business

ANSWERS: 19. underrepresented, 20. decode, 21. augment, 22. turbocharger, 23. dedicate, 24. perpetuate, 25. decode, 26. cofounder

27. de_____te a chapter to the subject *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
28. female obs_____ian *n.* a physician who specializes in caring for women during pregnancy, childbirth, and the postpartum period
29. bi_____er discovery *n.* a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention
30. lif_____ng efforts *n.* the act or process of rescuing someone else's life, especially from drowning
31. su_____up of the population *n.* a smaller group within a larger group
32. tur_____ger boost *n.* a device used to increase the power and efficiency of an internal combustion engine by compressing the air entering the engine, thereby increasing the amount of fuel that can be burned and the power that can be generated

ANSWERS: 27. dedicate, 28. obstetrician, 29. biomarker, 30. lifesaving, 31. subgroup, 32. turbocharger

Session 3: Fill in the Blanks

1. She wore a _____ under her dress to give her waist a more defined shape.
 - n.* a tightly fitting undergarment worn to shape the torso, particularly to create an hourglass figure by compressing the waist and supporting the bust

2. The researchers divided the study participants into two _____.
 - n.* a smaller group within a larger group

3. The _____ in the truck's diesel engine forced more air into the combustion chamber.
 - n.* a device used to increase the power and efficiency of an internal combustion engine by compressing the air entering the engine, thereby increasing the amount of fuel that can be burned and the power that can be generated

4. He _____ his life to helping others.
 - v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

5. The _____ test showed that the patient was responding well to the treatment.
 - n.* a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention

6. That work _____ his fame.
 - v.* to make something continue or prevail for a long time

7. The software could _____ the encrypted data and reveal the hidden information.
 - v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand

ANSWERS: 1. corset, 2. subgroups, 3. turbocharger, 4. dedicated, 5. biomarker, 6. perpetuates, 7. decode

8. He was hit in the _____ and was rushed to the hospital.
n. the human trunk from the neck to the abdomen
9. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease
10. Economic factors and monetary policy _____ inflation.
v. to increase the size, extent, quantity, etc. of something by adding something to it
11. The new mother was grateful for the support she received from her _____.
n. a physician who specializes in caring for women during pregnancy, childbirth, and the postpartum period
12. _____ communities need more support and resources to achieve equity.
adj. not adequately or proportionately represented, often in terms of a particular group, population, or perspective being excluded or marginalized
13. The GPS device was a _____ when we got lost in the middle of nowhere.
n. a device or person that saves someone's life, often in an emergency or dangerous situation
14. The patient needs a _____ transplant operation.
n. the act or process of rescuing someone else's life, especially from drowning
15. He is the _____ and chairman of this tech company.
n. one of several people who establishes an organization or starts a business

ANSWERS: 8. torso, 9. medicinal, 10. augmented, 11. obstetrician, 12. Underrepresented, 13. lifesaver, 14. lifesaving, 15. cofounder

16. The patient was diagnosed with an _____ causing irregular heartbeats.
- n.* a medical condition in which the heartbeat is irregular, too slow, or too fast, which can cause the heart to pump blood less effectively and lead to a variety of symptoms such as palpitations, fatigue, shortness of breath, chest pain, or even fainting

ANSWERS: 16. arrhythmia,