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Level 6 – 2nd July, 2019

Scientists 'close' to cure for baldness

FREE online quizzes, mp3 listening and more for this lesson here:

<https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

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Please try Levels 4 and 5 (they are easier).

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THE ARTICLE

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

Scientists say they believe they are close to finding a cure for baldness. This is welcome news for millions of people worldwide who are losing their hair or who are bald. Researchers from a medical institute in California have been working on developing stem cells that can regenerate hair growth. The scientists say their technique has been successful in implanting and developing fresh growth in a way that replicates natural hair reproduction. Researcher Alexey Terskikh said: "Our new protocol overcomes key technological challenges....Now we have a robust, highly controlled method for generating natural-looking hair that grows through the skin using an unlimited source of human stem cells."

Baldness affects approximately half of men worldwide by the age of 50. Products for hair replacement and hair transplants have developed into a multi-billion-dollar global industry. Hair transplant surgery can cost up to \$50,000. Scientists have been working on finding a cure for decades. The process of hair loss usually begins in men when they are in their early twenties or thirties. This can lead to anxiety and a loss of self-confidence. Many men worry about receding hairlines, bald spots and baldness. Baldness is also a problem for women. Many women suffer from thinning hair later in life. A doctor said: "Hair loss profoundly affects many people's lives."

Sources: <https://www.independent.co.uk/news/health/baldness-stem-cell-hair-loss-breakthrough-alopecia-california-a8979066.html>
<https://news.yahoo.com/a-cure-for-baldness-could-be-coming-085830370.html>
<https://news.sky.com/story/baldness-cure-breakthrough-discovered-by-scientists-11750594>

WARM-UPS

1. BALDNESS: Students walk around the class and talk to other students about baldness. Change partners often and share your findings.

2. CHAT: In pairs / groups, talk about these topics or words from the article. What will the article say about them? What can you say about these words and your life?

scientists / cure / baldness / worldwide / stem cells / hair growth / challenges / skin / worldwide / industry / decades / process / worry / bald spots / thinning hair / doctor

Have a chat about the topics you liked. Change topics and partners frequently.

3. ALL BALD: Students A **strongly** believe life would be easier if we were all bald; Students B **strongly** believe the opposite. Change partners again and talk about your conversations.

4. HAIR: What do you know about these hair conditions? What can we do about them? Complete this table with your partner(s). Change partners often and share what you wrote.

	What You Know	What We Can Do
Balding		
Dandruff		
Split ends		
Graying		
Greasy hair		
Itching		

5. CURE: Spend one minute writing down all of the different words you associate with the word "cure". Share your words with your partner(s) and talk about them. Together, put the words into different categories.

6. AGE: Rank these with your partner. Put the least desirable of these "age" problems at the top. Change partners often and share your rankings.

- balding
- wrinkles
- memory loss
- lack of strength
- weigh
- bad back
- poor eyesight
- bad knees

VOCABULARY MATCHING

Paragraph 1

- | | |
|---------------|---|
| 1. welcome | a. Regrow (new tissue, areas, etc.) to replace lost or injured tissue. |
| 2. institute | b. Not restricted in terms of number, quantity, or extent. |
| 3. stem cell | c. Very pleasing because of being much needed or desired. |
| 4. regenerate | d. A tiny part of an organism which is capable of creating lots more cells of the same type. |
| 5. replicate | e. A society or organization having a particular objector common factor, especially a scientific, educational, or social one. |
| 6. robust | f. Make an exact copy of; reproduce. |
| 7. unlimited | g. Strong and healthy. |

Paragraph 2

- | | |
|------------------|---|
| 8. approximately | h. Economic activity concerned with the processing of raw materials and manufacture of goods in factories. |
| 9. industry | i. The treatment of injuries or disorders of the body by incision or manipulation, especially with instruments. |
| 10. surgery | j. Going or moving back or further away from a previous position. |
| 11. decade | k. Used to show that something is almost, but not completely, accurate or exact. |
| 12. anxiety | l. Extremely, very deeply, greatly... |
| 13. receding | m. A feeling of worry, nervousness, or unease, typically about a future event or something with an uncertain outcome. |
| 14. profoundly | n. A period of ten years. |

BEFORE READING / LISTENING

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

1. TRUE / FALSE: Read the headline. Guess if a-h below are true (T) or false (F).

- a. The article said the possible cure is welcome news for bald people. **T / F**
- b. Researchers from a university in London are behind the cure. **T / F**
- c. The new cure does not replicate natural hair reproduction. **T / F**
- d. The cure is not any making use whatsoever of stem cells. **T / F**
- e. The article said about 50% of men suffer from baldness by the age of 50. **T / F**
- f. It costs an average of \$50,000 for a hair transplant. **T / F**
- g. The article says the balding process starts in men in their early 20s. **T / F**
- h. The article says many women suffer from thinning hair later in their life. **T / F**

2. SYNONYM MATCH:

Match the following synonyms. The words in **bold** are from the news article.

- | | |
|-------------------------|---------------------|
| 1. finding | a. in the region of |
| 2. regenerate | b. patches |
| 3. fresh | c. inexhaustible |
| 4. robust | d. worry |
| 5. unlimited | e. revitalize |
| 6. approximately | f. extremely |
| 7. cure | g. discovering |
| 8. anxiety | h. remedy |
| 9. spots | i. new |
| 10. profoundly | j. strong |

3. PHRASE MATCH: (Sometimes more than one choice is possible.)

- | | |
|--|--------------------------------|
| 1. This is welcome news for | a. cost up to \$50,000 |
| 2. in a way that replicates natural hair | b. natural-looking hair |
| 3. Our new protocol overcomes key | c. affects many people's lives |
| 4. highly controlled method for generating | d. dollar global industry |
| 5. using an unlimited source | e. technological challenges |
| 6. Baldness affects approximately | f. in their early twenties |
| 7. developed into a multi-billion- | g. millions of people |
| 8. Hair transplant surgery can | h. of human stem cells |
| 9. begins in men when they are | i. half of men worldwide |
| 10. Hair loss profoundly | j. reproduction |

GAP FILL

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

Scientists say they believe they are (1) _____ to finding a cure for baldness. This is (2) _____ news for millions of people worldwide who are losing their hair or who are bald. Researchers from a medical (3) _____ in California have been working on developing (4) _____ cells that can regenerate hair growth. The scientists say their technique has been successful in implanting and developing fresh growth in a way that (5) _____ natural hair reproduction. Researcher Alexey Terskikh said: "Our new (6) _____ overcomes key technological challenges....Now we have a (7) _____, highly controlled method for generating natural-looking hair that grows through the skin using an unlimited (8) _____ of human stem cells."

stem
robust
welcome
source
replicates
close
institute
protocol

Baldness (9) _____ approximately half of men worldwide by the age of 50. Products for hair replacement and hair transplants have developed into a multi-billion-dollar global (10) _____. Hair transplant surgery can (11) _____ up to \$50,000. Scientists have been working on finding a cure for (12) _____. The process of hair loss usually begins in men when they are in their (13) _____ twenties or thirties. This can lead to anxiety and a (14) _____ of self-confidence. Many men worry about receding (15) _____, bald spots and baldness. Baldness is also a problem for women. Many women suffer from (16) _____ hair later in life. A doctor said: "Hair loss profoundly affects many people's lives."

early
cost
loss
industry
thinning
affects
hairlines
decades

LISTENING – Guess the answers. Listen to check.

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

- 1) This is welcome news for millions of people worldwide _____ their hair
 - a. where losing
 - b. who losing
 - c. who all losing
 - d. who are losing
- 2) developing fresh growth in a way that _____ hair
 - a. replicate snatch you all
 - b. rep lick eights natural
 - c. replicates natural
 - d. reply crates natural
- 3) Alexey Terskikh said: "Our new protocol _____ technological challenges
 - a. overcome scree
 - b. overly comes key
 - c. oval comes quay
 - d. overcomes key
- 4) Now we have a robust, highly _____
 - a. controlled methods
 - b. control the method
 - c. controlled method
 - d. con trolled methods
- 5) hair that grows through the skin using an unlimited _____ stem cells
 - a. saws of human
 - b. soars of human
 - c. sauce of human
 - d. source of human
- 6) Baldness affects approximately half of men worldwide _____ of 50
 - a. bye the aged
 - b. buy the age
 - c. by the age
 - d. by the ages
- 7) Scientists have been working on finding a _____
 - a. cure for decadence
 - b. cure for decides
 - c. cure for decants
 - d. cure for decades
- 8) The process of hair loss usually begins in men when they are in their _____
 - a. early twenty
 - b. earlies twenties
 - c. earlies twenty
 - d. early twenties
- 9) Many men worry about receding hairlines, bald _____
 - a. sports and baldness
 - b. spits and baldness
 - c. spats and baldness
 - d. spots and baldness
- 10) Many women suffer from thinning hair _____
 - a. later in life
 - b. later in live
 - c. later in alive
 - d. later in leaf

LISTENING – Listen and fill in the gaps

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

Scientists say they believe they are (1) _____ a cure for baldness. This is welcome news for millions of people worldwide who are (2) _____ or who are bald. Researchers from a medical institute in California have been working on (3) _____ that can regenerate hair growth. The scientists say their technique has been successful in implanting and developing (4) _____ a way that replicates natural hair reproduction. Researcher Alexey Terskikh said: "Our new (5) _____ technological challenges....Now we have a robust, highly controlled method for generating natural-looking hair that grows through the skin using (6) _____ of human stem cells."

Baldness (7) _____ of men worldwide by the age of 50. Products for hair replacement and hair transplants have developed into a multi-billion-(8) _____. Hair transplant surgery can cost up to \$50,000. Scientists have been working on finding a (9) _____. The process of hair loss usually begins in men when they are in their early twenties or thirties. This can (10) _____ and a loss of self-confidence. Many men worry (11) _____, bald spots and baldness. Baldness is also a problem for women. Many women suffer from thinning hair later in life. A doctor said: "Hair (12) _____ many people's lives."

COMPREHENSION QUESTIONS

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

1. What kind of news did the article say this was for bald people?
2. Where are the researchers who conducted the research based?
3. What do researchers say their technique replicates?
4. What did a researcher say the technique overcame?
5. What can researchers use an unlimited source of?
6. What proportion of men does baldness affect?
7. What kind of industry did the article call hair replacement?
8. For how long have scientists been trying to find a cure for baldness?
9. According to the article, what can hair loss lead to a loss of?
10. How did a doctor say hair loss affects people's lives?

MULTIPLE CHOICE - QUIZ

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

- 1) What kind of news did the article say this was for bald people?
 - a) bad news
 - b) welcome news
 - c) fake news
 - d) breaking news
- 2) Where are the researchers who conducted the research based?
 - a) Sydney
 - b) London
 - c) California
 - d) Tokyo
- 3) What do researchers say their technique replicates?
 - a) hair salons
 - b) hair from wigs
 - c) natural balding
 - d) natural hair reproduction
- 4) What did a researcher say the technique overcame?
 - a) extreme nervousness
 - b) key technological challenges
 - c) a loss of self-confidence
 - d) a shortage of hair gel
- 5) What can researchers use an unlimited source of?
 - a) human stem cells
 - b) hair spray
 - c) hair
 - d) combs
- 6) What proportion of men does baldness affect?
 - a) approximately half
 - b) in the region of 30%
 - c) two thirds
 - d) three quarters
- 7) What kind of industry did the article call hair replacement?
 - a) an innovative industry
 - b) a 21st-century industry
 - c) a breakthrough industry
 - d) a multi-billion-dollar industry
- 8) For how long have scientists been trying to find a cure for baldness?
 - a) centuries
 - b) 37 years
 - c) decades
 - d) since time began
- 9) According to the article, what can hair loss lead to a loss of?
 - a) split ends
 - b) dandruff
 - c) the forehead
 - d) self-confidence
- 10) How did a doctor say hair loss affects people's lives?
 - a) profanity
 - b) profoundly
 - c) profiteering
 - d) profundity

ROLE PLAY

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

Role A – Balding

You think balding is the worst problem of ageing. Tell the others three reasons why. Tell them why their problems aren't so bad. Also, tell the others which is the most manageable of these (and why): wrinkles, a bad back or memory loss.

Role B – Wrinkles

You think wrinkles is the worst problem of ageing. Tell the others three reasons why. Tell them why their problems aren't so bad. Also, tell the others which is the most manageable of these (and why): balding, a bad back or memory loss.

Role C – Bad Back

You think a bad back is the worst problem of ageing. Tell the others three reasons why. Tell them why their problems aren't so bad. Also, tell the others which is the most manageable of these (and why): wrinkles, balding or memory loss.

Role D – Memory Loss

You think memory loss is the worst problem of ageing. Tell the others three reasons why. Tell them why their problems aren't so bad. Also, tell the others which is the most manageable of these (and why): wrinkles, a bad back or balding.

AFTER READING / LISTENING

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

1. WORD SEARCH: Look in your dictionary / computer to find collocates, other meanings, information, synonyms ... for the words 'bald' and 'cure'.

bald	cure

- Share your findings with your partners.
- Make questions using the words you found.
- Ask your partner / group your questions.

2. ARTICLE QUESTIONS: Look back at the article and write down some questions you would like to ask the class about the text.

- Share your questions with other classmates / groups.
- Ask your partner / group your questions.

3. GAP FILL: In pairs / groups, compare your answers to this exercise. Check your answers. Talk about the words from the activity. Were they new, interesting, worth learning...?

4. VOCABULARY: Circle any words you do not understand. In groups, pool unknown words and use dictionaries to find their meanings.

5. TEST EACH OTHER: Look at the words below. With your partner, try to recall how they were used in the text:

<ul style="list-style-type: none">• close• millions• regenerate• fresh• key• source	<ul style="list-style-type: none">• age• multi-• decades• early• spots• life
--	---

BALDNESS SURVEY

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

Write five GOOD questions about baldness in the table. Do this in pairs. Each student must write the questions on his / her own paper. When you have finished, interview other students. Write down their answers.

	STUDENT 1 _____	STUDENT 2 _____	STUDENT 3 _____
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

BALDNESS DISCUSSION

STUDENT A's QUESTIONS (Do not show these to student B)

1. What did you think when you read the headline?
2. What images are in your mind when you hear the word 'cure'?
3. What do you think about baldness?
4. Is baldness a problem?
5. Why do people lose their hair?
6. Why has there not been a cure before?
7. How would you feel about going bald?
8. What are the good things about baldness?
9. How attached are you to your hair?
10. Do bald men or bald women look best?

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BALDNESS DISCUSSION

STUDENT B's QUESTIONS (Do not show these to student A)

11. Did you like reading this article? Why/not?
12. What do you think of when you hear the word 'baldness'?
13. What do you think about what you read?
14. Why does baldness affect mainly men?
15. What do you think of men in their late teens going bald?
16. What advice would you give bald men suffering from anxiety?
17. How does 'hair loss profoundly affect many people's lives'?
18. Would the world be different if no one was bald?
19. How does baldness affect women differently?
20. What questions would you like to ask the researchers?

DISCUSSION (Write your own questions)

STUDENT A's QUESTIONS (Do not show these to student B)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

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DISCUSSION (Write your own questions)

STUDENT B's QUESTIONS (Do not show these to student A)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

LANGUAGE - CLOZE

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

Scientists say they believe they are close (1) _____ finding a cure for baldness. This is (2) _____ news for millions of people worldwide who are losing their hair or who are bald. Researchers from a medical institute in California have been working (3) _____ developing stem cells that can regenerate hair growth. The scientists say their technique has been successful (4) _____ implanting and developing fresh growth in a way that replicates natural hair reproduction. Researcher Alexey Terskikh said: "Our new (5) _____ overcomes key technological challenges....Now we have a robust, highly controlled method for generating natural-looking hair that grows through the skin using an unlimited (6) _____ of human stem cells."

Baldness (7) _____ approximately half of men worldwide by the age of 50. Products for hair replacement and hair transplants have developed into a multi-billion-dollar (8) _____ industry. Hair transplant surgery can cost up to \$50,000. Scientists have been working on finding a cure for (9) _____. The process of hair loss usually begins in men when they are in their early twenties or thirties. This can lead to anxiety and a (10) _____ of self-confidence. Many men worry about (11) _____ hairlines, bald spots and baldness. Baldness is also a problem for women. Many women suffer from (12) _____ hair later in life. A doctor said: "Hair loss profoundly affects many people's lives."

Put the correct words from the table below in the above article.

- | | | | | |
|-----|----------------|-----------------|-------------------|----------------|
| 1. | (a) to | (b) at | (c) by | (d) on |
| 2. | (a) greetings | (b) pleased | (c) welcome | (d) appreciate |
| 3. | (a) to | (b) of | (c) on | (d) by |
| 4. | (a) to | (b) so | (c) as | (d) in |
| 5. | (a) privy | (b) promenade | (c) protocol | (d) pronto |
| 6. | (a) sauce | (b) source | (c) saucer | (d) saucy |
| 7. | (a) reflects | (b) affects | (c) effects | (d) infects |
| 8. | (a) globally | (b) global | (c) globalize | (d) globe |
| 9. | (a) decadence | (b) decants | (c) decades | (d) decency |
| 10. | (a) mislaid | (b) defeat | (c) forgetfulness | (d) loss |
| 11. | (a) reclusive | (b) residential | (c) residue | (d) receding |
| 12. | (a) shortening | (b) contracting | (c) slimming | (d) thinning |

SPELLING

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

Paragraph 1

1. a medical tetinisut in California
2. a way that tilespeacr natural hair
3. Our new tcpolroo
4. a ubostr, highly controlled method
5. grneiengta natural-looking hair
6. an unlimited srecuo of human stem cells

Paragraph 2

7. trpxapoiymle half of men
8. hair asnraptstnt
9. yugrser can cost up to \$50,000
10. This can lead to nxayeti
11. men worry about icerdneg hairlines
12. Hair loss fndouyrpol affects many people's lives

PUT THE TEXT BACK TOGETHER

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

Number these lines in the correct order.

- () is also a problem for women. Many women suffer from thinning hair later in
- () Baldness affects approximately half of men worldwide by the age of 50. Products for hair replacement and hair
- () self-confidence. Many men worry about receding hairlines, bald spots and baldness. Baldness
- () of hair loss usually begins in men when they are in their early twenties or thirties. This can lead to anxiety and a loss of
- () life. A doctor said: "Hair loss profoundly affects many people's lives."
- () reproduction. Researcher Alexey Terskikh said: "Our new protocol overcomes key
- () grows through the skin using an unlimited source of human stem cells."
- () has been successful in implanting and developing fresh growth in a way that replicates natural hair
- () been working on developing stem cells that can regenerate hair growth. The scientists say their technique
- (**1**) Scientists say they believe they are close to finding a cure for baldness. This is welcome news for millions of people
- () worldwide who are losing their hair or who are bald. Researchers from a medical institute in California have
- () transplants have developed into a multi-billion-dollar global industry. Hair transplant surgery can cost
- () up to \$50,000. Scientists have been working on finding a cure for decades. The process
- () technological challenges....Now we have a robust, highly controlled method for generating natural-looking hair that

PUT THE WORDS IN THE RIGHT ORDER

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

1. baldness . to for cure Close a finding
2. is for of welcome news millions This people .
3. that hair stem cells can Developing regenerate growth .
4. that replicates reproduction . way a natural In hair
5. an source cells . Using human stem of unlimited
6. approximately affects men Baldness of half worldwide .
7. to can transplant up cost surgery Hair \$50,000 .
8. twenties are their thirties . early or in They
9. life . in hair Women later suffer thinning from
10. affects loss many profoundly lives . Hair people's

CIRCLE THE CORRECT WORD (20 PAIRS)

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

Scientists say they believe they are *close* / *closeness* to finding a cure for baldness. This is *greetings* / *welcome* news for millions of people *global* / *worldwide* who are losing their hair or who are bald. Researchers from a medical institute in California have been working *on* / *in* developing stem cells that can regenerate hair *growth* / *grown*. The scientists say their technique has been successful *on* / *in* implanting and developing fresh growth in a way that replicates natural hair *reproduces* / *reproduction*. Researcher Alexey Terskikh said: "Our new protocol overcomes *key* / *chain* technological challenges....Now we have a *robot* / *robust*, highly controlled method for generating natural-looking hair that grows through the skin using an unlimited *source* / *sauce* of human stem cells."

Baldness *affects* / *effects* approximately half of men worldwide by the *aged* / *age* of 50. Products for hair replacement and hair transplants have *development* / *developed* into a multi-billion-dollar global industry. Hair transplant *surgery* / *sugary* can cost up to \$50,000. Scientists have been working on finding a *care* / *cure* for decades. The process of hair loss usually *beginnings* / *begins* in men when they are in their early twenties or thirties. This can lead to *anxiety* / *anxious* and a loss of self-confidence. Many men worry about *receding* / *ceding* hairlines, bald spots and baldness. Baldness is also a problem for women. Many women suffer from *thins* / *thinning* hair later in life. A doctor said: "Hair loss *profoundly* / *profundity* affects many people's lives."

Talk about the connection between each pair of words in italics, and why the correct word is correct.

INSERT THE VOWELS (a, e, i, o, u)

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

S c__ n t_s t_s s_y t h_y b_l__ v_ t h_y r_ c_l_s_ t_ f_n d_n g _ c_r_ f_r b_l d_n_s_s . T h_s _s w_l c_m_n_w s f_r m_l l__ n s _f p__ p l_ w_r l d_w_d_ w h_r_ l_s_n g t h__ r h__ r _r w h__ r_ b_l d . R_s__ r c h_r s f_r m _ m_d_c_l _n s t_t_t_ _n C_l_f_r n__ h_v_ b__ n w_r k_n g _n d_v_l_p_n g s t_m c_l l_s t h_t c_n r_g_n_r_t_ h__ r g_r_w t h . T h_ s c__ n t_s t_s s_y t h__ r t_c h n_q__ h_s b__ n s_c c_s s f_l _n _m p l_n t_n g _n d d_v_l_p_n g f_r_s h g_r_w t h _n _ w_y t h_t r_p l_c_t_s n_t_r_l h__ r r_p r_d_c t__ n . R_s__ r c h_r A_l_x_y T_r s k_k h s__ d : " O_r n_w p_r t_c_l _v_r c_m_s k_y t_c h n_l_g_c_l c h_l l_n g_s N_w w_ h_v_ _ r_b_s t , h_g h l y c_n t_r l_l_d m_t h_d f_r g_n_r_t_n g n_t_r_l - l__ k_n g h__ r t h_t g_r_w s t h_r__ g h t h_ s k_n _s_n g _n _n l_m_t_d s__ r c_ _f h_m_n s t_m c_l l_s . "

B_l d_n_s_s _f f_c t_s _p p r_x_m_t_l y h_l f _f m_n w_r l d_w_d_ b_y t h_ _g_ _f 50 . P_r_d_c_t_s f_r h__ r r_p l_c_m_n t _n d h__ r t_r_n s p_l_n t_s h_v_ d_v_l_p_d _n t_ _ m_l t_- b_l l__ n - d_l l_r g_l_b_l _n d_s t_r y . H__ r t_r_n s p_l_n t s_r g_r y c_n c_s t _p t_ \$ 50,000 . S c__ n t_s t_s h_v_ b__ n w_r k_n g _n f_n d_n g _ c_r_ f_r d_c_d_s . T h_ p_r_c_s s _f h__ r l_s s _s__ l l y b_g_n s _n m_n w_h_n t h_y _r_ _n t h__ r __ r l y t_w_n t__ s _r t h_r t__ s . T h_s c_n l__ d t_ _n x__ t y _n d _ l_s s _f s_l f - c_n f_d_n c_ . M_n y m_n w_r r y _b__ t r_c_d_n g h__ r l_n_s , b_l d s p_t_s _n d b_l d_n_s_s . B_l d_n_s s _s _l_s_ _p r_b_l_m f_r w_m_n . M_n y w_m_n s_f f_r f_r m t h_n n_n g h__ r l_t_r _n l_f_ . A d_c_t_r s__ d : " H__ r l_s s p_r_f__ n d l y _f f_c t_s m_n y p__ p l_'s l_v_s . "

PUNCTUATE THE TEXT AND ADD CAPITALS

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

scientists say they believe they are close to finding a cure for baldness this is welcome news for millions of people worldwide who are losing their hair or who are bald researchers from a medical institute in california have been working on developing stem cells that can regenerate hair growth the scientists say their technique has been successful in implanting and developing fresh growth in a way that replicates natural hair reproduction researcher alexey terskikh said our new protocol overcomes key technological challenge now we have a robust highly controlled method for generating natural looking hair that grows through the skin using an unlimited source of human stem cells

baldness affects approximately half of men worldwide by the age of 50 products for hair replacement and hair transplants have developed into a multibilliondollar global industry hair transplant surgery can cost up to 50000 scientists have been working on finding a cure for decades the process of hair loss usually begins in men when they are in their early twenties or thirties this can lead to anxiety and a loss of selfconfidence many men worry about receding hairlines bald spots and baldness baldness is also a problem for women many women suffer from thinning hair later in life a doctor said hair loss profoundly affects many peoples lives"

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/1907/190702-baldness-cure.html>

Scientists say they believe they are close to finding a cure for baldness. This is welcome news for millions of people worldwide who are losing their hair or who are bald. Researchers from a medical institute in California have been working on developing stem cells that can regenerate hair growth. The scientists say their technique has been successful in implanting and developing fresh growth in a way that replicates natural hair reproduction. Researcher Alexey Terskikh said: "Our new protocol overcomes key technological challenges.... Now we have a robust, highly controlled method for generating natural-looking hair that grows through the skin using a nearly unlimited source of human stem cells." Baldness affects approximately half of men worldwide by the age of 50. Products for hair replacement and hair transplants have developed into a multi-billion-dollar global industry. Hair transplant surgery can cost up to \$50,000. Scientists have been working on finding a cure for decades. The process of hair loss usually begins in men when they are in their early twenties or thirties. This can lead to anxiety and a loss of self-confidence. Many men worry about receding hairlines, bald spots and baldness. Baldness is also a problem for women. Many women suffer from thinning hair later in life. A doctor said: "Hair loss profoundly affects many people's lives."

HOMework

1. VOCABULARY EXTENSION: Choose several of the words from the text. Use a dictionary or Google's search field (or another search engine) to build up more associations / collocations of each word.

2. INTERNET: Search the Internet and find out more about this news story. Share what you discover with your partner(s) in the next lesson.

3. BALDNESS: Make a poster about baldness. Show your work to your classmates in the next lesson. Did you all have similar things?

4. BALD: Write a magazine article about everyone being bald to save time and money. Include imaginary interviews with people who are for and against this.

Read what you wrote to your classmates in the next lesson. Write down any new words and expressions you hear from your partner(s).

5. WHAT HAPPENED NEXT? Write a newspaper article about the next stage in this news story. Read what you wrote to your classmates in the next lesson. Give each other feedback on your articles.

6. LETTER: Write a letter to an expert on baldness. Ask him/her three questions about it. Give him/her three of your opinions on baldness. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

ANSWERS

VOCABULARY (p.4)

1. c 2. e 3. d 4. a 5. f 6. g 7. b
8. k 9. h 10. i 11. n 12. m 13. j 14. l

TRUE / FALSE (p.5)

- a T b F c F d F e T f F g T h T

SYNONYM MATCH (p.5)

- | | |
|------------------|---------------------|
| 1. finding | a. discovering |
| 2. regenerate | b. revitalize |
| 3. fresh | c. new |
| 4. robust | d. strong |
| 5. unlimited | e. inexhaustible |
| 6. approximately | f. in the region of |
| 7. cure | g. remedy |
| 8. anxiety | h. worry |
| 9. spots | i. patches |
| 10. profoundly | j. extremely |

COMPREHENSION QUESTIONS (p.9)

- Welcome news
- California
- Natural hair reproduction
- Key technological challenges
- Human stem cells
- Approximately half
- A multi-billion-dollar industry
- Decades
- Self-confidence
- Profoundly

WORDS IN THE RIGHT ORDER (p.20)

- Close to finding a cure for baldness.
- This is welcome news for millions of people.
- Developing stem cells that can regenerate hair growth.
- In a way that replicates natural hair reproduction.
- Using an unlimited source of human stem cells.
- Baldness affects approximately half of men worldwide.
- Hair transplant surgery can cost up to \$50,000.
- They are in their early twenties or thirties.
- Women suffer from thinning hair later in life.
- Hair loss profoundly affects many people's lives.

MULTIPLE CHOICE - QUIZ (p.10)

1. b 2. c 3. d 4. b 5. a 6. a 7. d 8. c 9. d 10. b

ALL OTHER EXERCISES

Please check for yourself by looking at the Article on page 2.
(It's good for your English ;-)