

調查社會對於新抗菌敷料的想法(Survey of antimicrobial dressing)

我們是慈濟大學 2015 iGEM 團隊，TCU_Taiwan，今年希望能夠用抗菌肽來做成敷料，能夠同時達到傷口癒合與殺菌的效果，希望新敷料的開發能夠幫助到更多需要的人們。這個問卷是希望能夠了解大眾對於外傷敷料的理解與想法。

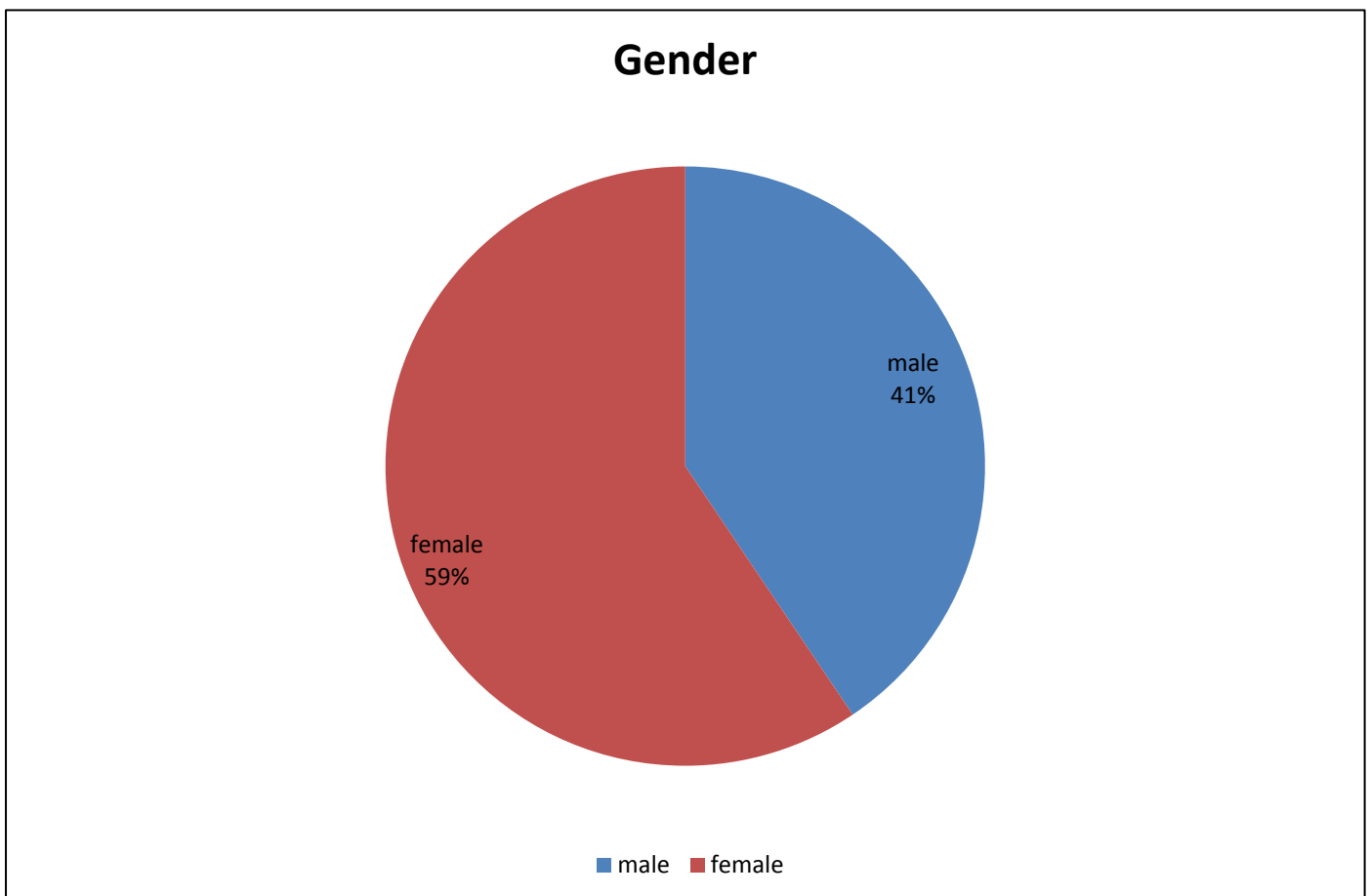
We are TCU_Taiwan iGEM team from Tzu Chi University. This year we are going to develop a medical dressing that made of Antimicrobial peptide. This dressing have the function to disinfection and also help wound healing. We think an excellent dressing will make a fast recovery. Please support us by filling out this survey, we are glad for your support.

*必填

性別 *

Select your gender

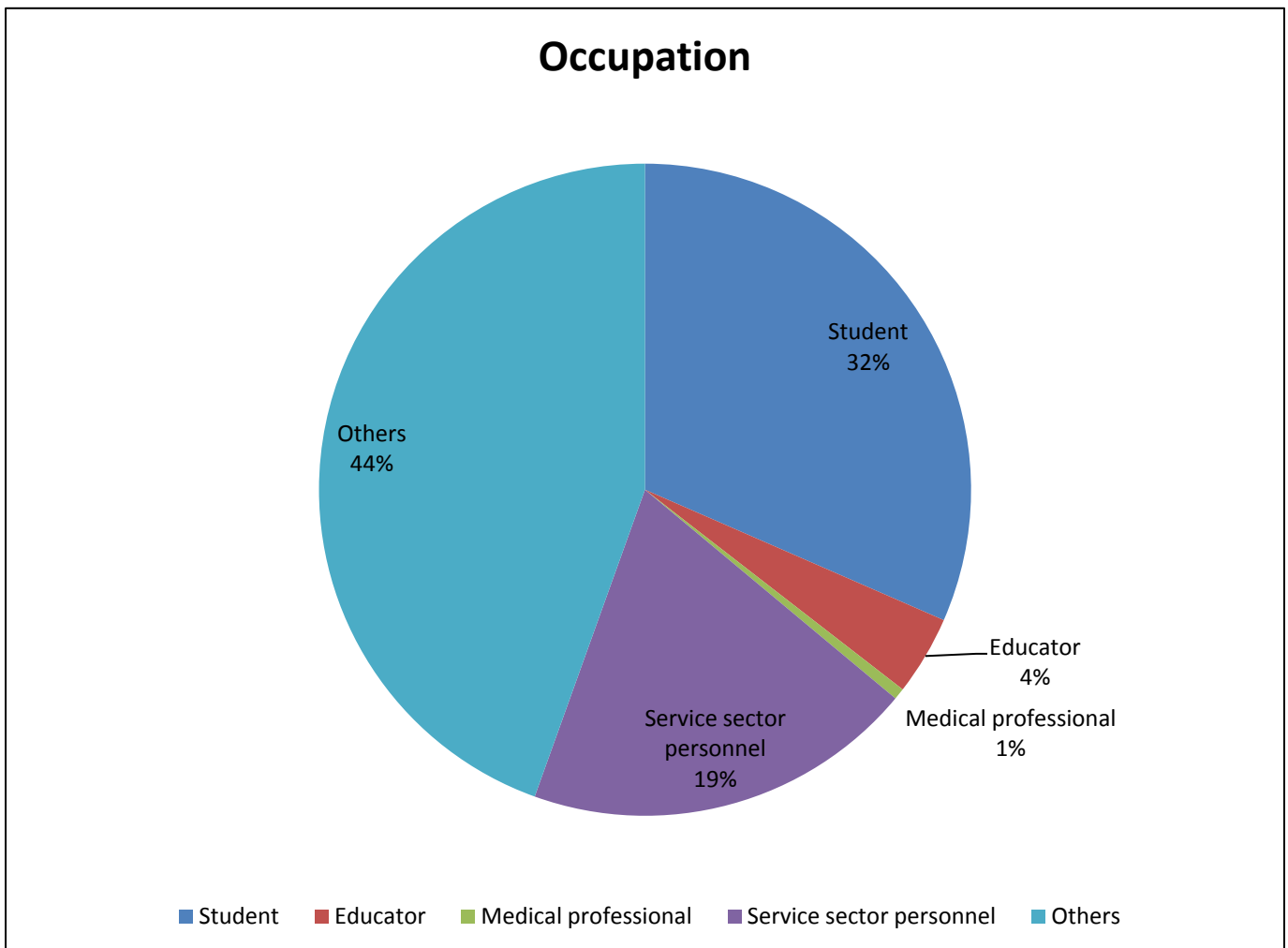
- 男 (male)
- 女 (female)



職業*

Select your occupation

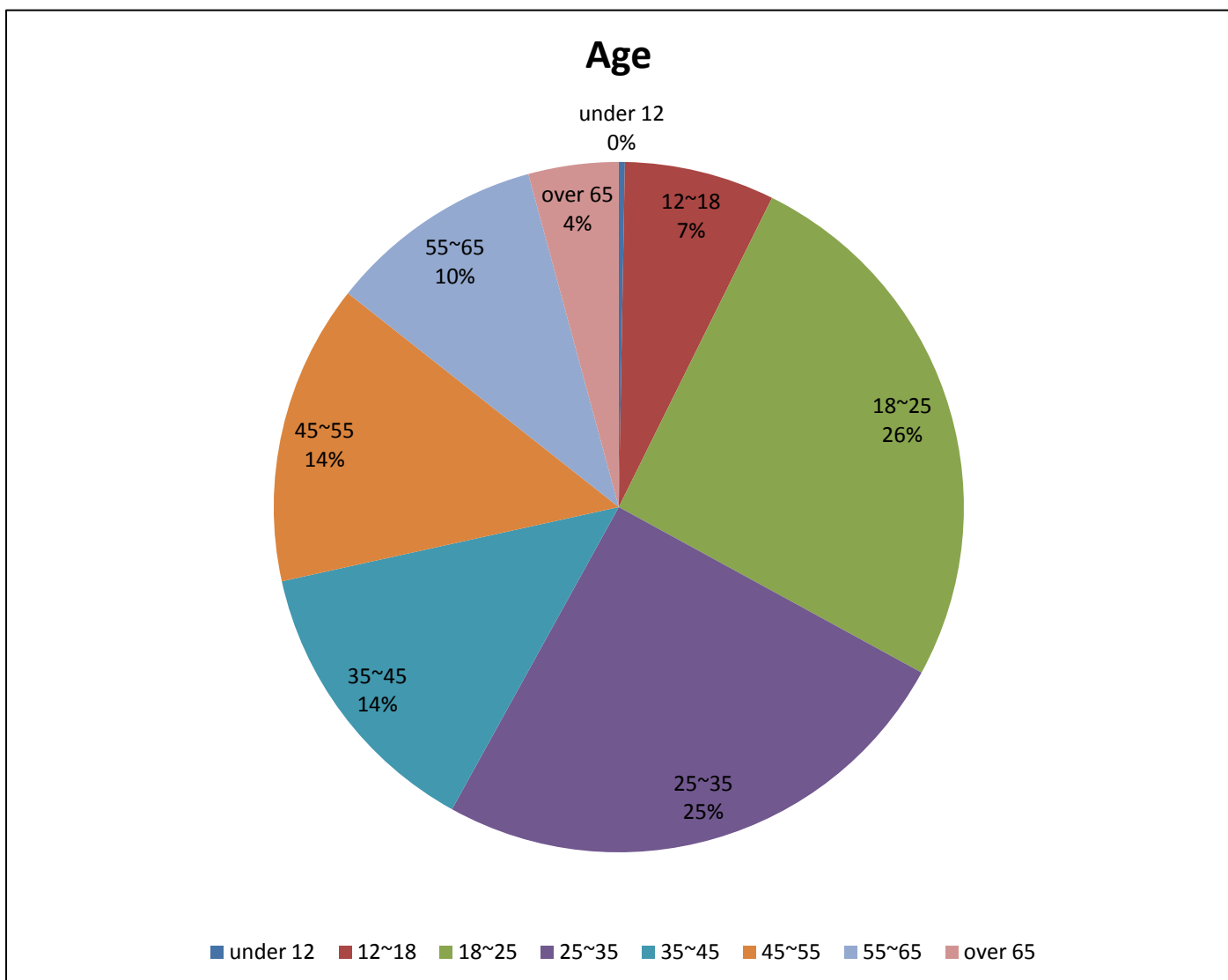
- 學生 (Student)
- 教職員 (Educator)
- 醫生 (Medical professional)
- 服務業 (Service sector personnel)
- 其他 (Others)



年齡 *

Select your age range

- 12 以下 (under 12)
- 12~18
- 18~25
- 25~35
- 35~45
- 45~55
- 55~65
- 65 以上 (over 65)

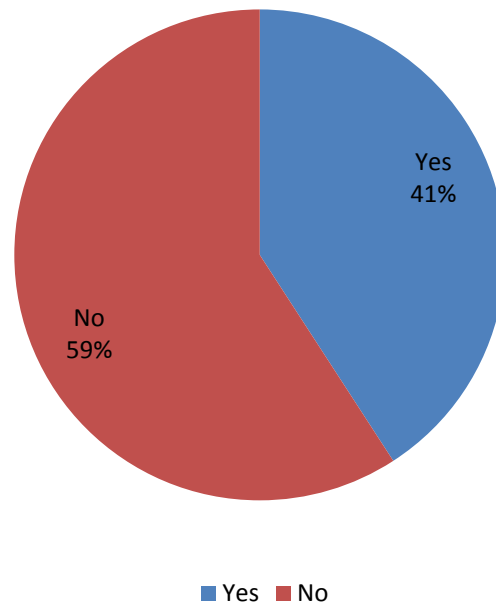


您是否有因受傷而細菌感染的經驗? *

Have you ever infect by bacteria when you got hurt ?

- 是 (Yes)
- 否 (NO)

Have you ever infect by bacteria when you got hurt ?

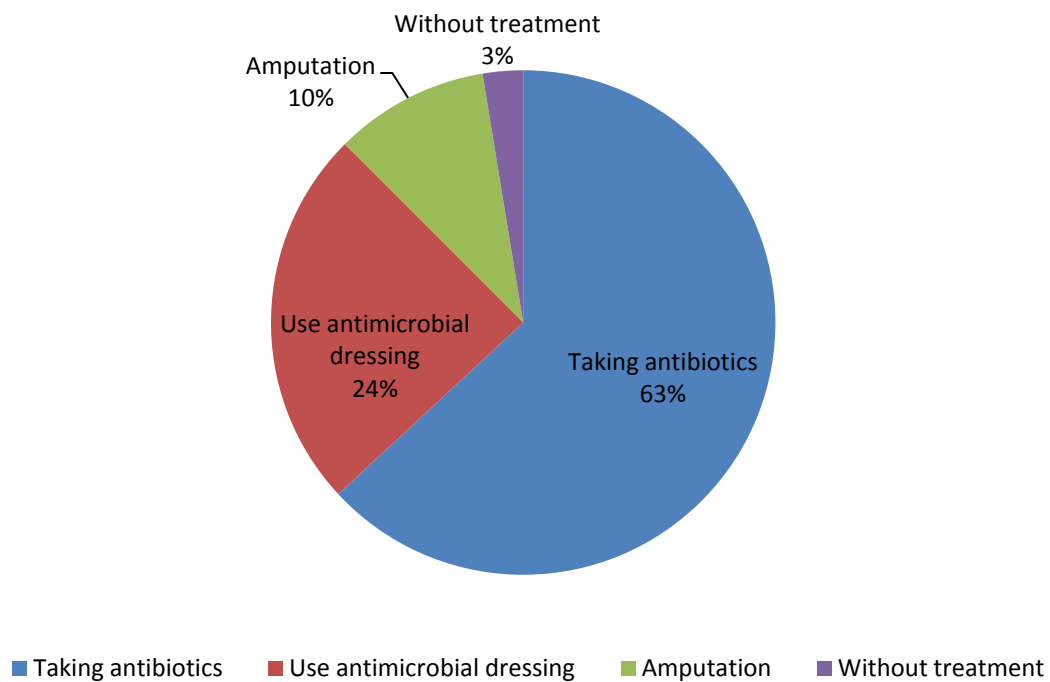


您知道一般醫院對於細菌感染的處置方法嗎? *

Do you know how to treat the infection of bacteria ?

- 服用抗生素 (Taking antibiotics)
- 使用殺菌敷料 (Use antimicrobial dressing)
- 截肢 (Amputation)
- 不做處理 (Without treatment)

Do you know how to treat the infection of bacteria ?

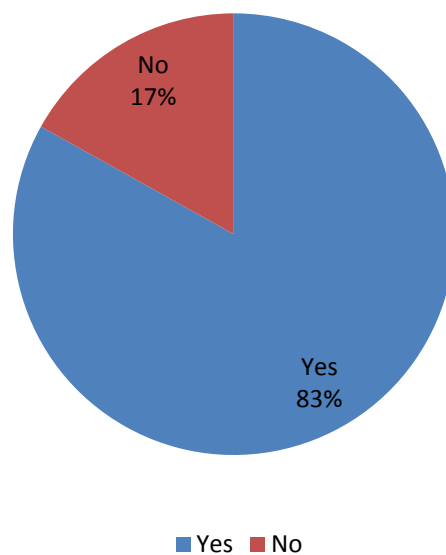


您知道因抗生素濫用產生的抗藥性問題嗎？*

Do you know the issue of drug resistant cause by abuse of antibiotics ?

- 是 (Yes)
- 否 (No)

Do you know the issue of drug resistant cause by abuse of antibiotics ?

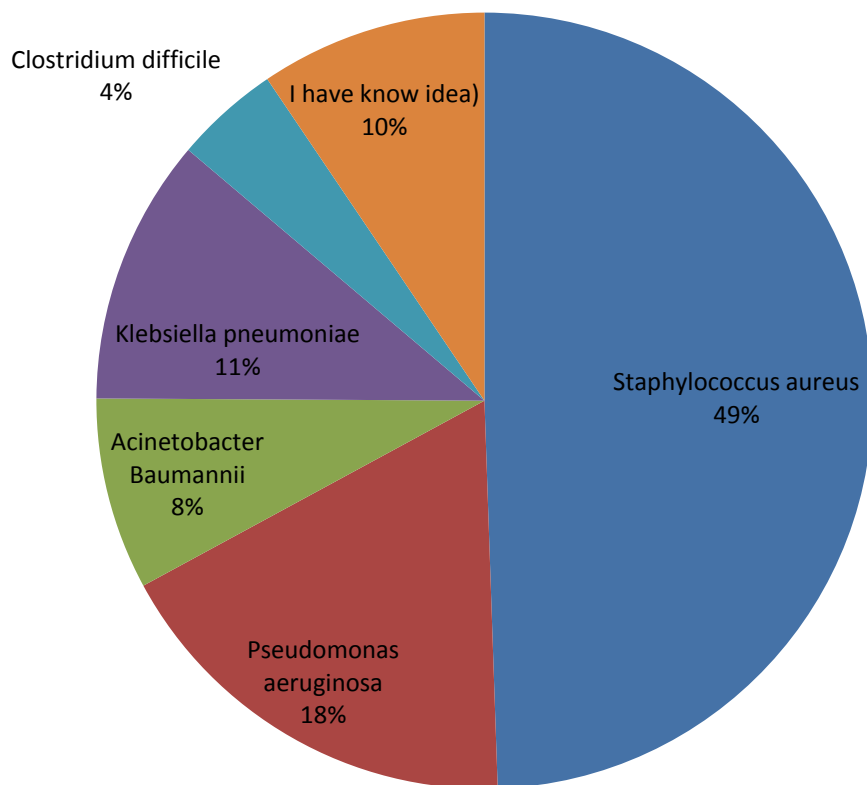


您知道現在常見的感染菌種嗎？*

Do you know what's the common strain of bacteria cause infection ?

- 金黃色葡萄球菌 (Staphylococcus aureus)
- 綠膿桿菌 (Pseudomonas aeruginosa)
- 鮑氏不動桿菌 (Acinetobacter baumannii)
- 克雷伯氏肺炎菌 (Klebsiella pneumoniae)
- 困難梭狀桿菌 (Clostridium difficile)
- 完全不知道 (I have know idea)

Do you know what's the common strain of bacteria cause infection ?



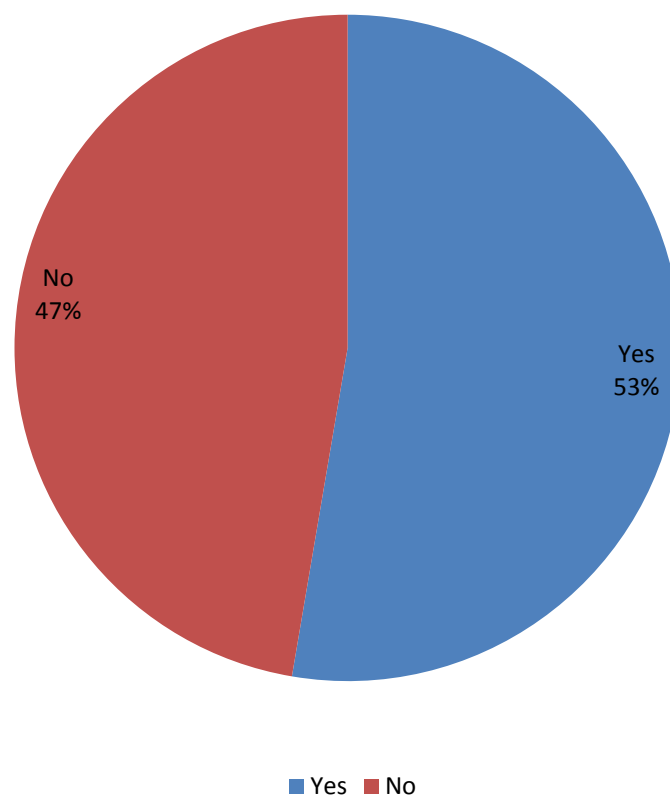
■ Staphylococcus aureus ■ Pseudomonas aeruginosa ■ Acinetobacter Baumannii
■ Klebsiella pneumoniae ■ Clostridium difficile ■ I have know idea)

您有聽說過抗藥性金黃色葡萄球菌 (MRSA) 嗎? *

Have you ever heard of Methicillin-Resistant Staphylococcus aureus (MRSA) ?

- 有 (Yes)
- 沒有 (No)

Have you ever heard of Methicillin-Resistant Staphylococcus aureus (MRSA) ?



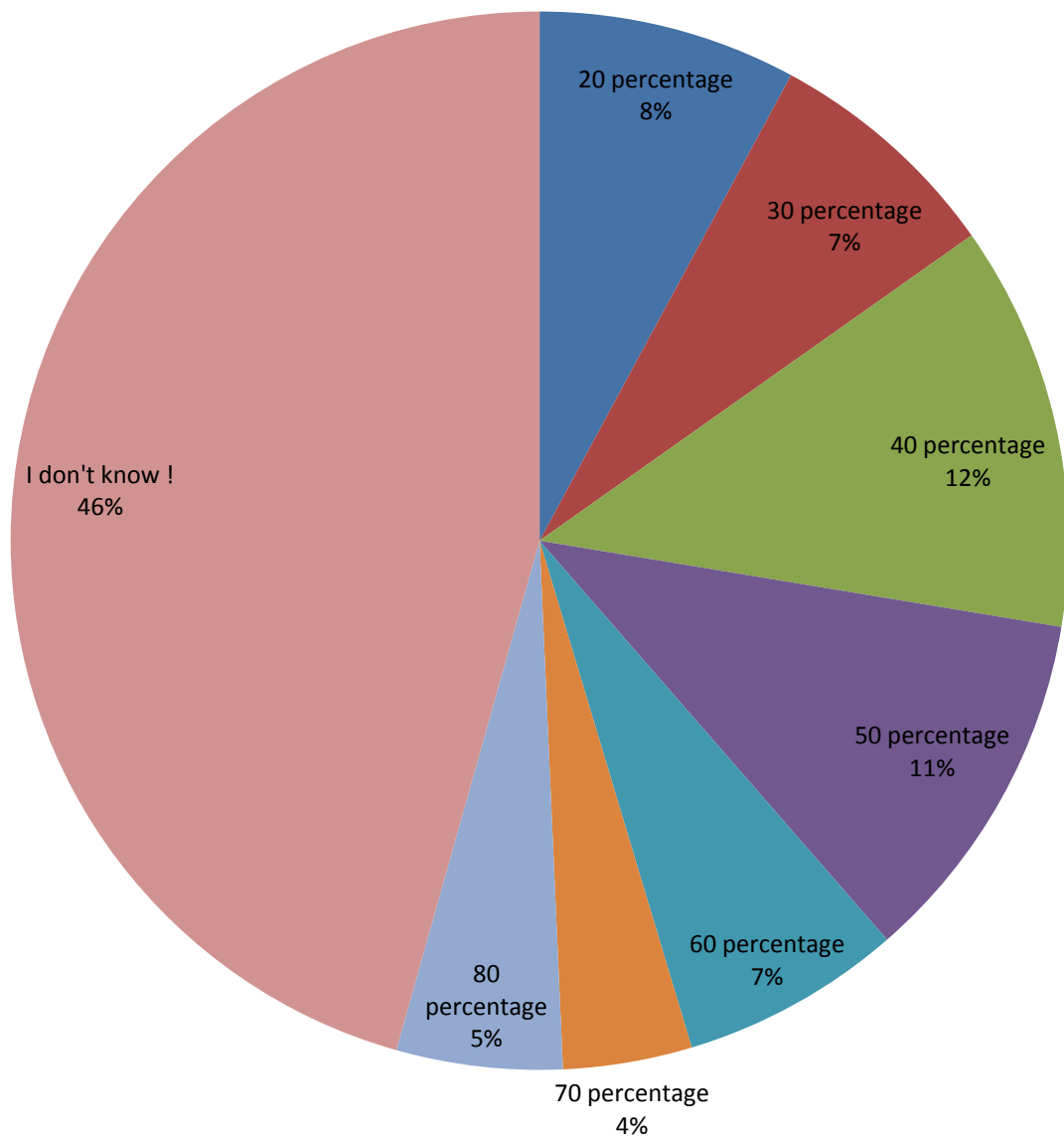
您知道衛福部統計的 MRSA 感染率有多高嗎? *

Do you know the percentage of MRSA infection that published by the Ministry of Health and Welfare in Taiwan ?

- 20%
- 30%
- 40%
- 50%
- 60%

- 70%
- 80%
- 不知道 (I don't know)

Do you know the percentage of MRSA infection that published by the Ministry of Health and Welfare in Taiwan ?



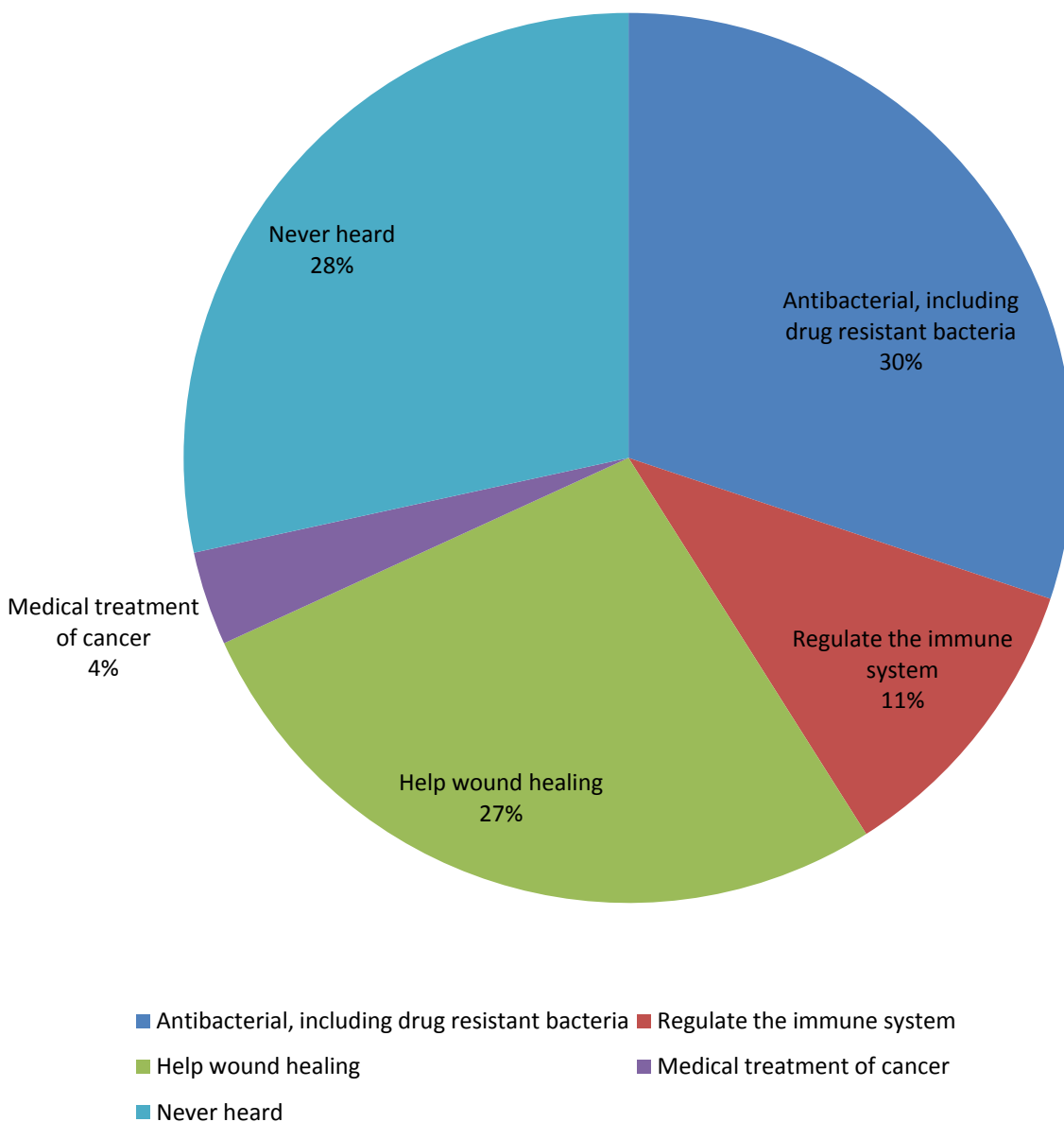
20 percentage
 30 percentage
 40 percentage
 50 percentage
 60 percentage
 70 percentage
 80 percentage
 I don't know !

您對抗菌肽的了解有多少? *

What do you know about "antimicrobial peptide" ?

- 具有廣譜殺菌效果，包含抗藥性菌種(antibacterial, including drug resistant bacteria)
- 調節免疫系統 (Regulate the immune system)
- 幫助傷口癒合 (Help wound healing)
- 治療癌症 (medical treatment of cancer)
- 完全沒聽過 (Never heard)

What do you know about "antimicrobial peptide" ?

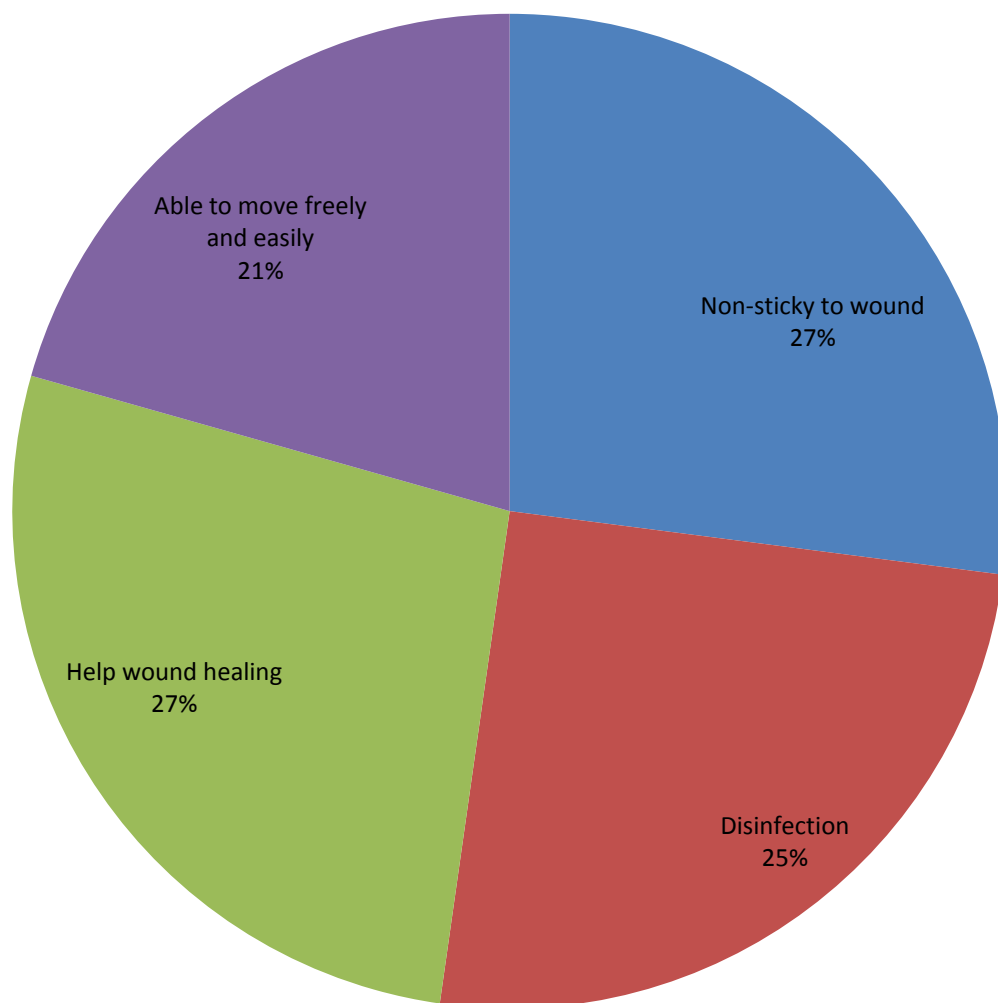


您覺得一般敷料需要具備的優點是？*

What qualification do you think a great dressing should have ?

- 不沾黏傷口 (Non-sticky to wound)
- 殺菌 (disinfection)
- 幫助傷口癒合 (Help wound healing)
- 方便活動 (Able to move freely and easily)

What qualification do you think a great dressing should have ?



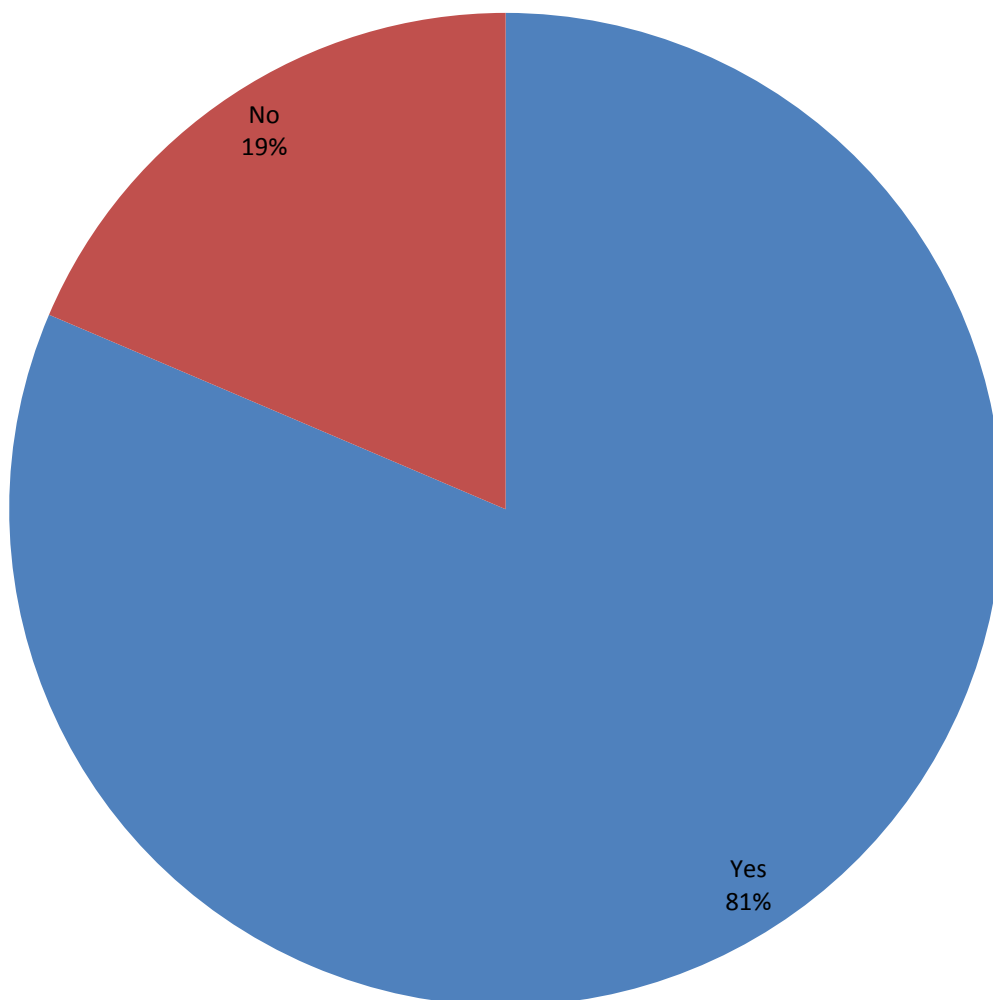
■ Non-sticky to wound ■ Disinfection ■ Help wound healing ■ Able to move freely and easily

您是否願意使用生物合成的產品? *

Would you like to use synthetic biology-related dressing in the future ?

- 是 (Yes)
- 否 (No)

Would you like to use synthetic biology-related dressing in the future ?



■ Yes ■ No

您覺得可以幫助傷口癒合與殺菌的抗菌狀敷料，這項產品是否具有研發價值？*

If developing a medical dressing that can both disinfection and help wound healing,do you think it is worth researching ?

- 是 (Yes)
- 否 (No)

If developing a medical dressing that can both disinfection and help wound healing,do you think it is worth researching ?

