

The Hadeeth on the Fly
One Wing Carrying Disease
and the
Other Carrying the Cure

Student Research Seminar Team
Course Med 497

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

In the Name of Allah, the Most Beneficent, the Most Merciful

Allah, the Most Might and Most Majestic, sent the Prophet Muhammad (*sallallaahu 'aleihi was-sallam*: may Allah Exalt his mention, and render him safe from all derogatory things), with guidance and the truth and said about him:

(وما ينطق عن الهوى * إن هو إلا وحي يوحى) [النجم، ٣- ٤]

Nor does he (Muhammad *sallallaahu 'aleihi was-sallam*) speak of (his own) desire. It is only a Revelation revealed [Translation of the meaning of the Qur'an; Ch. 53, verses 3 & 4].

And from this, is the Prophet (*sallallaahu 'aleihi was-sallam*) saying:

قَالَ النَّبِيُّ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ: "إِذَا وَقَعَ الذُّبَابُ فِي شَرَابٍ أَحَدِكُمْ فَلْيَغْمِسْهُ ثُمَّ لِيَنْزِعْهُ فَإِنَّ فِي أَحَدَى جَنَاحَيْهِ دَاءً وَالْآخَرَى شِفَاءً." (رواه البخاري)

"If a housefly falls in the drink of anyone of you, he should dip it (in the drink), for the one of its wings has a disease and the other has the cure of the disease." [Bukhari, vol. 4: 537].

Panel A

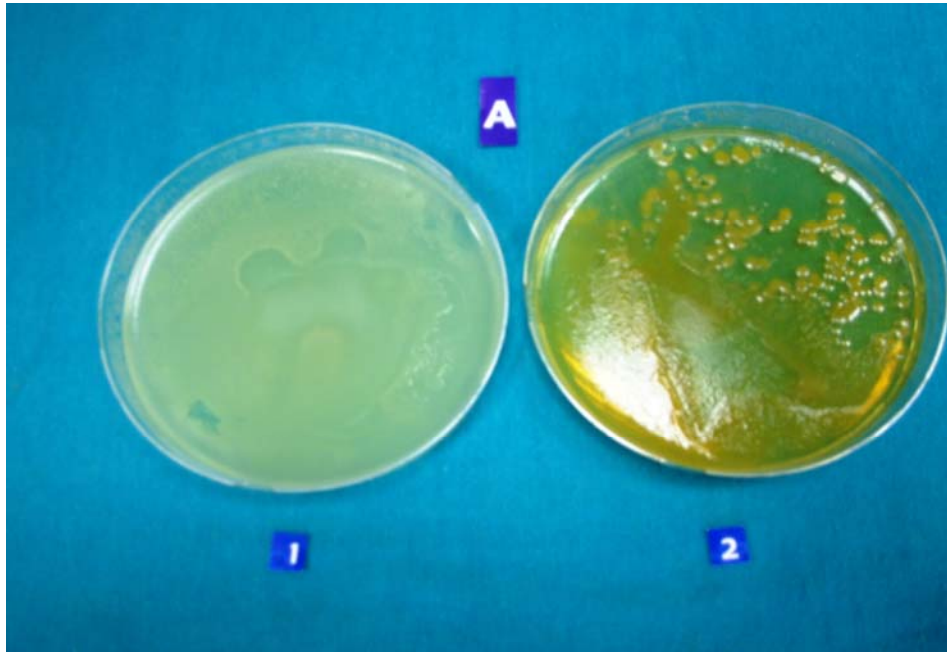
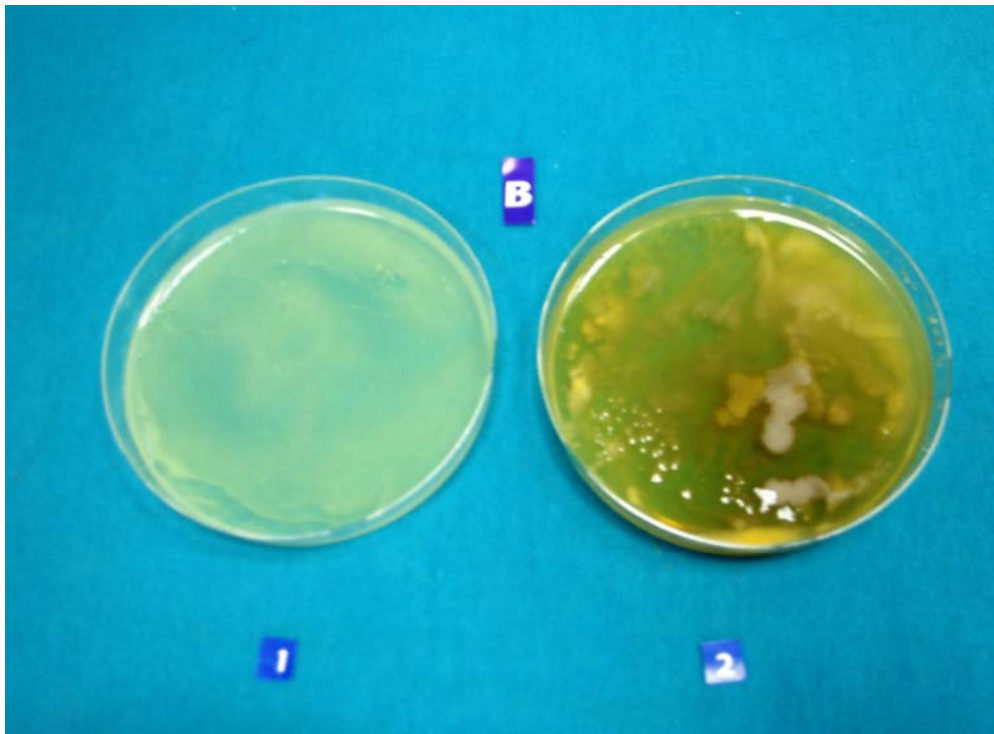


Plate 2- Cultured water sample taken from a flask containing sterilized water and where a fly fell (without submersion). Growth of pathogenic (disease causing) bacterial colonies of the **E Coli type** were identified after taking samples from the water in the flask for culture.

Plate 1- Cultured water sample from the same flask following the complete dipping of the fly. An entire disappearance of the bacterial growth seen in Petri-dish 2 is clear. The new bacteria growing in plate 1 was identified as **Actinomyces**, the one from which useful antibiotics can be extracted. This explains the complete inhibition of growth in plate 2

Panel B

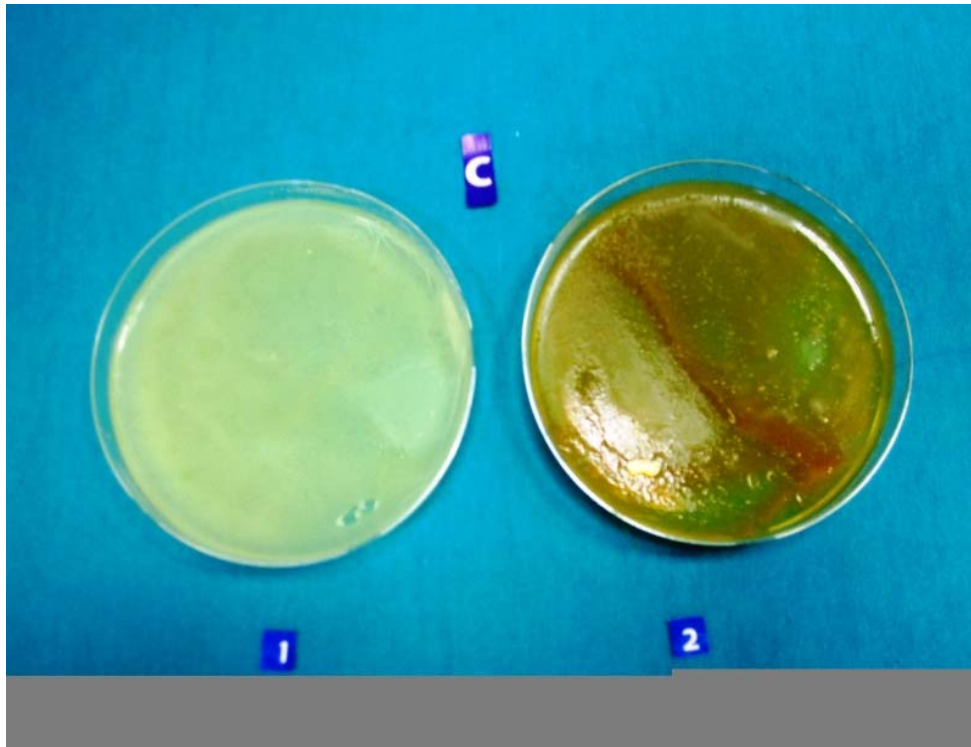


Same as in Panel A, but from another fly.

Plate 2- Cultured water sample taken from a flask containing sterilized water and where a fly fell (without submersion). Growth of pathogenic (disease causing) bacterial colonies of the *Corynebacterium Dephtheroid* type were identified after taking samples from the water in the flask for culture.

Plate 1- Cultured water sample from the same flask following the complete dipping of the fly. An entire disappearance of the bacterial growth seen in Petri-dish 2 is clear. The new bacteria growing in plate 1 was identified as *Actinomyces*, the one from which useful antibiotics (more than 70%) can be extracted. This explains the complete inhibition of growth in plate 2

Panel C



Panel C: Same as before, yet with another fly.

Plate 2- Cultured water sample taken from a flask containing sterilized water and where a fly fell (without submersion). Growth of pathogenic (disease causing) bacterial colonies of the *Staphylococcus sp. type*. were identified after taking samples from the water in the flask for culture.

Plate 1- Cultured water sample from the same flask following the complete dipping of the fly. An entire disappearance of the bacterial growth seen in Petri-dish 2 is clear. The new bacteria growing in plate 1 was identified as *Actinomyces*, the one from which useful antibiotics can be extracted. This explains the complete inhibition of growth in plate 2

The Same results were obtained with another type of disease-causing bacteria of the *Salmonellas sp + proteus sp.* Type.

