

2023. 3. 18. Helicobacter symposium HUG 2023 (Conrad)

Peter Maffertheimer

Maastricht 1996 年 11 月 11 日 11 月 11 日

H. pylori gastritis is an infectious disease (京都)

proactively search and treat in patients on NSAID

DAPT after AMI 1 年間 1.7-4.5% 出血

GI bleedings are affecting approximately 3% & the cost is high.

Matsuyama 胃癌 53% 減少

□ Trends in gastritis...

Screening modalities for gastric cancer prevention should be offered in combination with CRC screening

triple regimen
clarithromycin 1000mg

including ranoprazan
not including ranoprazan

clarithromycin 1000mg 15%

Bismuth quadruple therapy
Non-bismuth quadruple therapy

bismuth subsalicylate
metronidazole
tetracycline

Bismuth

Coghlan Lancet 1987

Marshall Lancet 1988

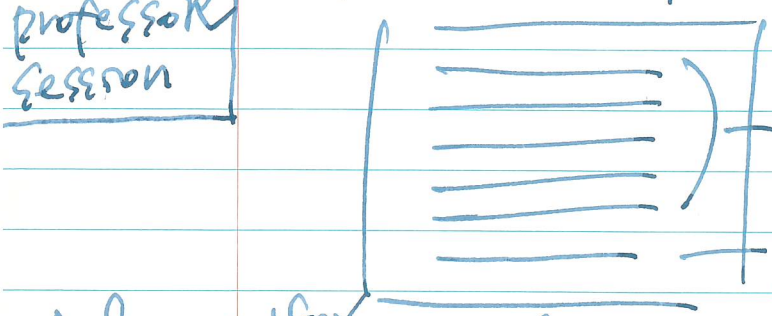
Rauws & Tjotter Lancet 1990

Hosking Lancet 1994

Maffertheimer Lancet 2011

~~pylera~~ pylera ③

Meet-the-professor session Malfartheimer 結論 slide

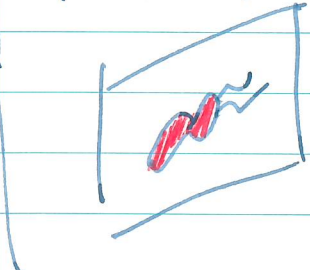


耐性検査が重要

Current evidence supports that optimized empirical therapy is not inferior to susceptibility-guided therapy.

Jachael Gungold-Belfer
J. Gastroenterol Hepatol
2021 Oct
36(10)
2649

In the museum

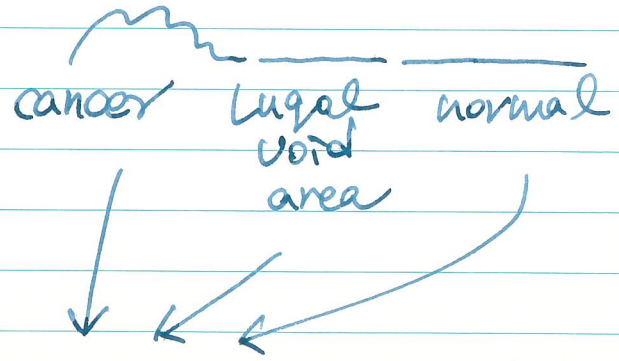


배우 홍비로인 slide 인.
Helicobacter를 museum
에다 볼 수 있는 것이지
오도록

안용강: AIG 에서는 抗生劑 依이 除菌治癒를 할 수
있을까?

free paper

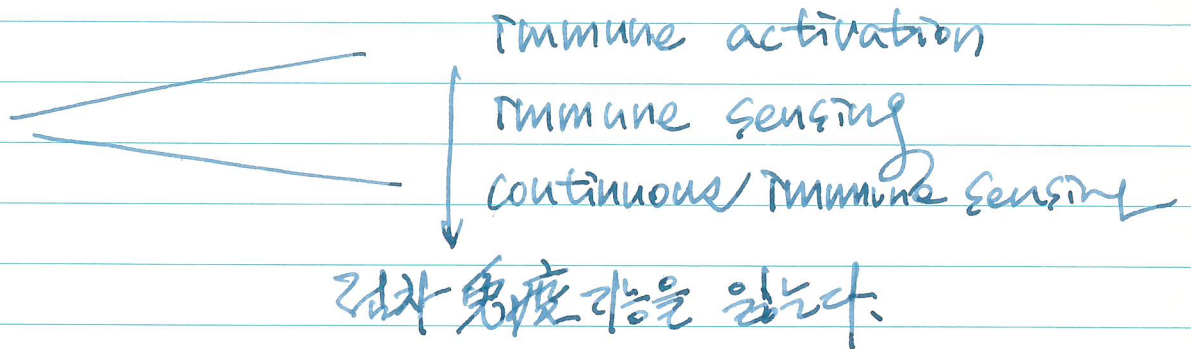
spatiotemporally resolved single-cell
analyses delineate early esophageal squamous
carcinogenesis



multistep samples를 同時に fresh frozen 으로 獲得

tumor signature score

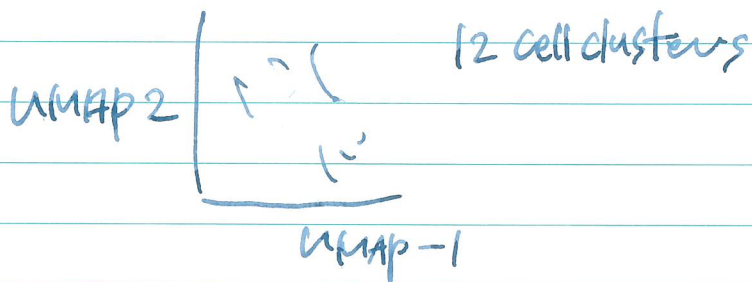
tumor initiating cell signature



up in MIC border

up in HDC border

외부진 조수인 cancer associated microenvironment
using single cell RNA sequencing method



mCAF clusters - diffuse type 이다 .
T CAF clusters - intestinal type 이다

mCAF2 cluster 이다 豫後가 worse

이선영 1990년대 前後出生者中 Hp negative cancer 多

박진영 (France) Endoscopic study, Latvia
유전이다 內視鏡은 매우 invasive 檢
査를 看做 된다.

口 胃炎의 京都分類 改訂第2版 4卷.

金泰世 成均館大學 EGD in renal failure patients.
館

post EGD 出血 5.9%
20年 survival data

口 Protective and deleterious effects of *H. pylori*
(Scott M Williams)

(African enigma
Asian enigma
Latin America High Altitude enigma)

Host-pathogen coevolution

↓
Columbian
infection: 90% 以上

AK Miller Scott Williams 2001

825

Coast 6/100,000

High altitude 150/100,000

食前疾病 Asthma, Allergy, Tuberculosis, Food allergy, Celiac
disease, Graves's disease 等에 protective
效果가 있다.

Graham Therapies are now divided into 4 groups

therapies ① used empirically

that ② must be susceptibility-based

③ still need to be optimized

④ include an unnecessary antibiotic
and should never be used.

PCR stool testing

Reflexive stool testing 陽性 stool 送檢查耐性.
susceptibility

susceptibility test is still unnecessary, clarithromycin,
levofloxacin 使用先避法干效.

장문호 2019년
會長 新任 辭

教子採薪

溫故知新

除舊布新

★ 日本 MIC for clarithromycin 未對 vonoprazan 22
overcome 站干 效干 韓國 clarithromycin resistance
MIC 가 높아서 overcome 站干 效干 이 2021 說明

82.0%

Suginoto. Front Pharmacol
2019;9:1500



Vono dose G 2022:163:608

(80.8% Vonoprazan
68.5% Lansoprazole

Dual therapy 1日 4回 服用

조금
다
larger exposure to estrogen = lower risk of cancer
larger exposure to estrogen in young women = higher risk
Young Age is a poor prognosis factor?

왜 나이에 따라
다른가?

higher estrogen exposure and metabolic
abnormality (LDL-C ↑) : 젊은 여성에게서 많이 많다.

일부 1° Vonoprazan + clarithromycin + amoxicillin
2° " + metronidazole + "

2°를 첫번째로 使用 하지 못하는 것은
government regulation 때문인.

resistance
← 5%

resistance
40%

cancer survivor & cardiovascular disease가 많다.
5.68 per 1000 person years

除菌行發生止 胃瘻

(10年以内 short term group EAC 342 AGC 48
(10年以後 long term group 16)

70%는 10年 以後에 發生하였다. 13%이 undifferentiated

HP 除菌이 cancer proliferation을 減少시킨다.
(Ki67 index ↓)