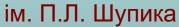
ГРДС – що нового в 2019 р.?

М.М. Пилипенко

доцент кафедри анестезіології та інтенсивної терапії НМАПО





Патогенез



— упепотуріпд © 2018 Springer-Verlag GmbH Germany, part of Springer Nature Обранотивую В Бетановлення обранотивую В Бетановлення обранотивую В Бетановлення обранотивую В Бетановлення обранотивую В Бетановичной в Ветановичной в Ве Acute respiratory distress syndrome

відповісти на складні/питання 34-018-5480-6



■ Hyper-inflammatory (Phenotype 2 ■ Hypoinflammatory (Phenotype-1)

| | ARMA N=473 | ALVEOLI N=549 | FACTT N=1000 | HARP N=539 | SAILS N=745 |
|--------------------------------------|---|---|----------------------------------|--|----------------------------------|
| % Hyper- inflammatory | 32.8% | 26.5% | 27.2% | 34.5% | 37.2% |
| Phenotype discriminant markers | sTNFR-1; IL-6; vasopressor use | sTNFR-1; IL-6; vasopressor use | sTNFR-1; IL-8; bicarbonate | sTNFR-1; IL-6; low platelets; vasopressor | sTNFR-1; IL-8; bicarbonate |

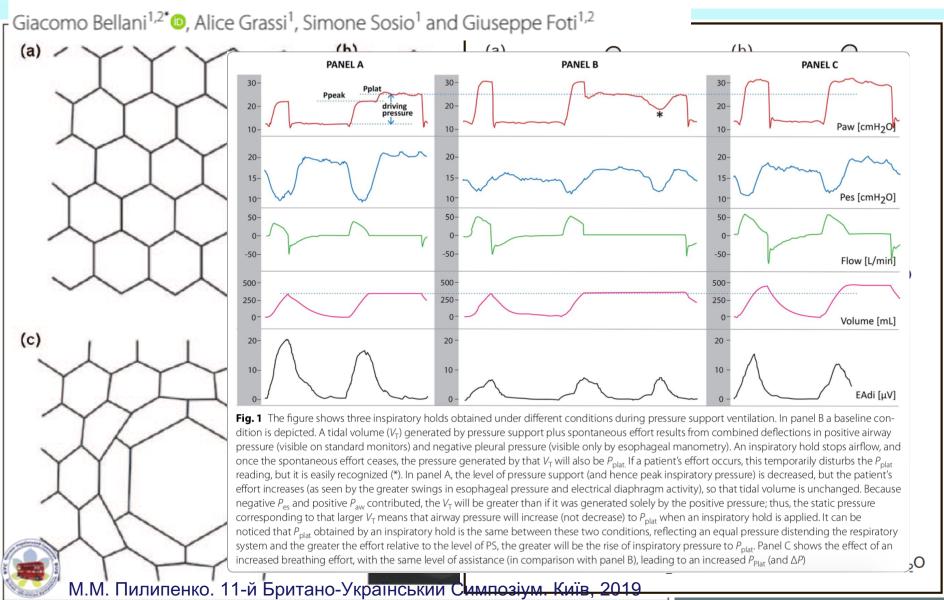
| / | їхфодич | | | | | |
|---|--|--|--|--|--|--|
| | 50% حِج | | | | | |
| | 20% ab day mortality 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% | | | | | |
| | Ĕ 30% ——————————————————————————————————— | | | | | |
| | ्हें 20% — — — — — — — — — — — — — — — — — — — | | | | | |
| | М 10% — — — — — — — — — — — — — — — — — — — | | | | | |
| | 0% | | | | | |
| | Cohort Study | | | | | |
| | ■ Reactive ■ Phenotype-1 | | | | | |

| | Cohort Study N=700 |
|--------------------------------------|-------------------------------|
| % Reactive phenotype | 51.9% |
| Phenotype discriminant markers | IL-6; IFN-γ; ANG1/2; PAI-1 |

М.М. Пилипенко. 11-й Британо-Український Симпозіум. Київ, 2019

Plateau and driving pressure in the presence of spontaneous breathing

Intensive Care Med (2019) 45: 97-98



Низький ПТКВ – не дуже низький, а високий ПТКВ – занадто високий

Editorial

Atelectrauma or volutrauma: the dilemma Conclusions

Francesco Cipull

Expiratory strain

Luciano Gattinoni. When we compere two different ventilatory modes in ARDS we compare their weight in producing "VILI" although a precise definition of VILI and its link with the mortality are far to be understood. For what we know now, we compare the possible prevention of the two most important triggers of VILI: atelectrauma and volutrauma. 0.2 The results of available studies, in our opinion, lead to straightforward conclusion. Atelectrauma, which should be greater at PEEP around 7 cmH₂O, leads the same outcome Figure 1 Expiratory stat of volutrauma, which should be greater at PEEP around 15 cmH2O, as shown by the three randomized large

elastance of 12 cmH₂O:

М.М. Пилипенко. 11-й Британо-Український Симпозіум. Київ, 2019

JAMA | Original Investigation | CARING FOR THE CRITICALLY ILL PATIENT

Effect of Titrating Positive End-Expiratory Pressure (PEEP)
With an Esophageal Pressure–Guided Strategy vs an Empirical
High PEEP-Fio₂ Strategy on Death and Days Free From
Mechanical Ventilation Among Patients With Acute
Respiratory Distress Syndrome

A Randomized Clinical Trial

JAMA. doi:10.1001/jama.2019.0555 Published online February 18, 2019.

Jeremy R. Beitler, MD, MPH; Todd Sarge, MD; Valerie M. Banner-Goodspeed, MPH; Michelle N. Gong, MD, MSc; Deborah Cook, MD; Victor Novack, MD, PhD; Stephen H. Loring, MD; Daniel Talmor, MD, MPH; for the EPVent-2 Study Group

RESULTS Two hundred patients were enrolled (mean [SD] age, 56 [16] years; 46% female) and completed 28-day follow-up. The primary composite end point was not significantly different between treatment groups (probability of more favorable outcome with P_{ES} -guided PEEP: 49.6% [95% CI, 41.7% to 57.5%]; P = .92). At 28 days, 33 of 102 patients (32.4%) assigned to P_{ES} -guided PEEP and 30 of 98 patients (30.6%) assigned to empirical PEEP-FiO₂ died (risk difference, 1.7% [95% CI, -11.1% to 14.6%]; P = .88). Days free from mechanical ventilation among survivors was not significantly different (median [interquartile range]: 22 [15-24] vs 21 [16.5-24] days; median difference, 0 [95% CI, -1 to 2] days; P = .85). Patients assigned to P_{ES} -guided PEEP were significantly less likely to receive rescue therapy (4/102 [3.9%] vs 12/98 [12.2%]; risk difference,

conclusions and relevance Among patients with moderate to severe ARDS, P_{ES}-guided PEEP, compared with empirical high PEEP-FIO₂, resulted in no significant difference in death and days free mechanical ventilation. These findings do not support P_{ES}-guided PEEP titration in ARDS.

Фундаментальні дослідження впливу ПТКВ на рекруітмент під КТ контролем були проведені ще в 80-х і 90-х.





на більшості КТ немає навіть_{ноtel Melia Madrid} джерела кисню!

14:30 - 15:00

Opening Lecture

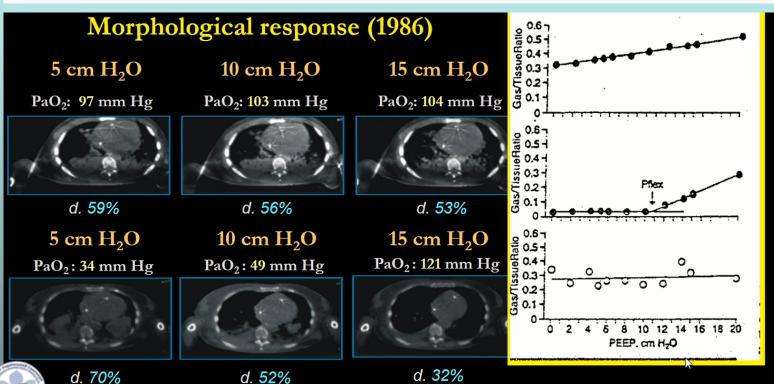
Chairperson(s): Laurent BROCHARD, Ricard FERRER ROCA





Opening Lecture: What we have learned from CT in ARDS Luciano GATTINONI (Milan - Italy)

14:30



Gattinoni et al. JAMA 1993;269:2122-2127

Intensive Care Med. 1986:12(3):137-4

Висновки



"Before I came here I was confused about this subject. Having listened to your lecture I am still confused. But on a higher level."

Enrico Fermi

https://youtu.be/IMBZiuFDzLg



