

« On a lu pour  
vous...! »

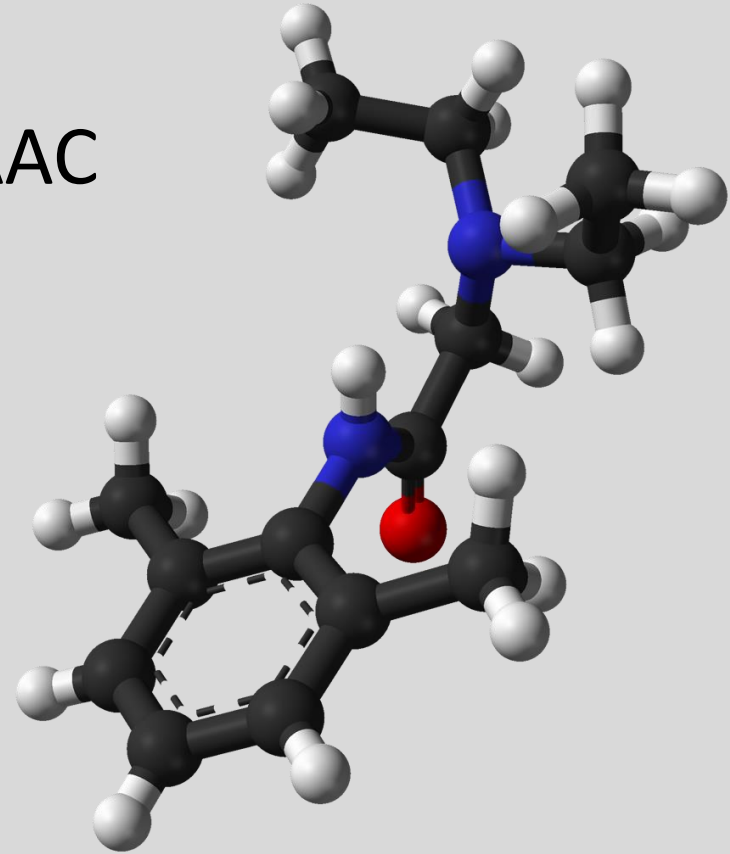
# Actualités sur les anesthésiques locaux



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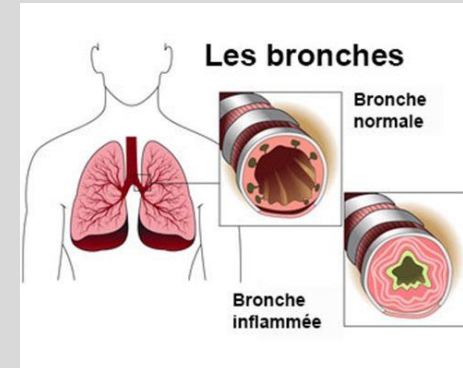
# La Lidocaine IV, pourquoi?

- Déjà connu: 1960
- Popularité: HAS 2016 RAAC



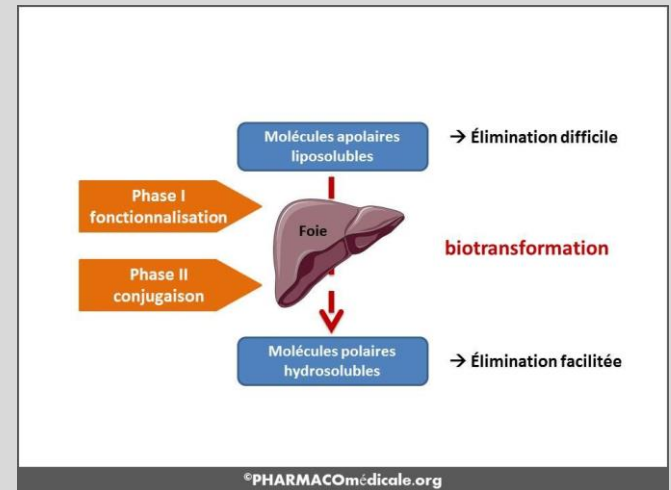
# Nombreuses propriétés

- Diminution réactivité bronchique (1960)
- Analgésie
- Antithrombotique
- Antitumorale
- Action sur le système digestif



# Pharmacocinétique

- Bicompartimentale
  - 6-8 min:  $\frac{1}{2}$  distribution
  - 80-110 min:  $\frac{1}{2}$  vie élimination
- Élimination hépatique
- Fixation protidique 60%  
(dépendante du débit sanguin)



# Comment l'utiliser?

- Lidocaïne:
  - Bolus 1,5 mg / kg
  - IVSE 1,5 mg / kg / heure

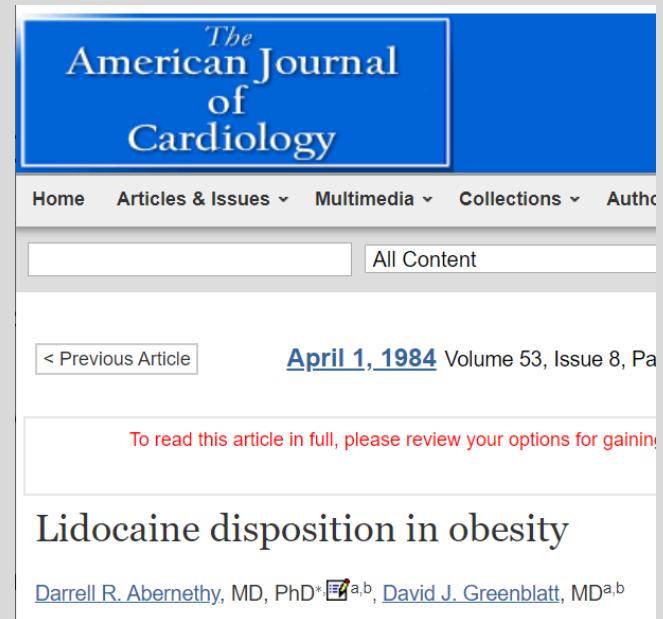
**Systemic administration of lidocaine reduces morphine requirements and postoperative pain of patients undergoing thoracic surgery after propofol-remifentaniol-based anaesthesia.**

Weihua Cui, Yanping Li, +2 authors Junfa Li • Published in European journal of... 2010 •

DOI: 10.1097/eja.0b013e32832d5426

# Spécificité du terrain

- Obèse:
  - Bolus → Poids réel
  - IVSE → ! Poids théorique
- Sujet âgé:
  - IVSE → Diminution de 30% perfusion continue



# Effets Lidocaine IV

- Analgésiques et antihyperalgésiques

[Anesth Analg.](#) 2004 Apr;98(4):1050-5, table of contents.

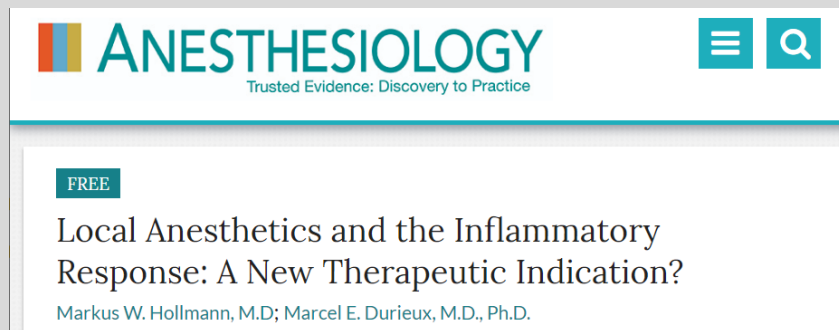
**Perioperative intravenous lidocaine has preventive effects on postoperative pain and morphine consumption after major abdominal surgery.**

[Koppert W](#)<sup>1</sup>, [Weigand M](#), [Neumann F](#), [Sittl R](#), [Schuettler J](#), [Schmelz M](#), [Hering W](#).

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- Anti-inflammatoire



The image shows a screenshot of a journal article preview from the journal 'ANESTHESIOLOGY'. The journal logo is at the top left, with the tagline 'Trusted Evidence: Discovery to Practice'. To the right of the logo are icons for a menu and search. Below the journal information, there is a 'FREE' badge in a teal box. The article title is 'Local Anesthetics and the Inflammatory Response: A New Therapeutic Indication?'. The authors listed are 'Markus W. Hollmann, M.D.; Marcel E. Durieux, M.D., Ph.D.'.

# Effets lidocaine IV

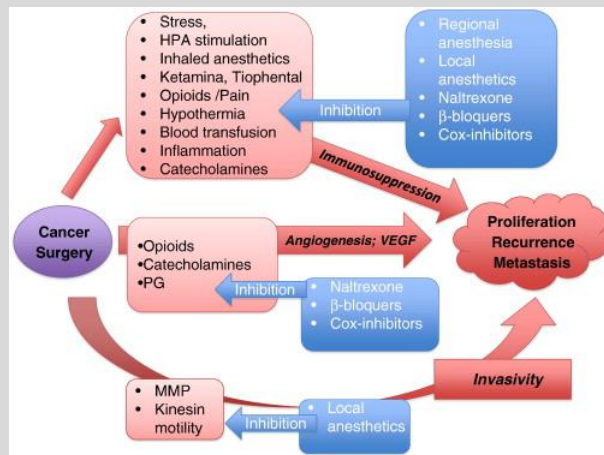
- Réactivité bronchique

*British Journal of Anaesthesia* 1990; 64: 682–687

EFFECTS OF I.V. LIGNOCAINE ON AIRWAY REFLEXES ELICITED BY IRRITATION OF THE TRACHEAL MUCOSA IN HUMANS ANAESTHETIZED WITH ENFLURANE

T. NISHINO, K. HIRAGA AND K. SUGIMORI

- Antitumoraux



Journal of Clinical Anesthesia (2015) xx, xxx–xxx



Journal of  
Clinical  
Anesthesia

## Cancer surgery: how may anesthesia influence outcome?

Fernando Cassinello MD, PhD (Anesthesiology)<sup>a,1</sup>,  
 Isabel Prieto MD (Radiation Oncology)<sup>a,\*</sup>,  
 Mercedes del Olmo MD (Anesthesiology)<sup>a</sup>, Sonia Rivas MD (Surgery)<sup>a</sup>,  
 Gary R. Strichartz PhD (Professor of Anesthesia and Pharmacology)<sup>b</sup>





# Conclusion

- Lidocaïne oui, mais à la bonne dose
- Per op oui, mais pas post-op
- Fortement recommandée en chirurgie abdominale
- Réhabilitation précoce
- Les petits +: douleur propofol, réactivité bronchique
- Avenir de la lidocaïne? (douleurs chroniques et effet antitumoral?)

Merci pour votre attention

