



# Insuffisance Cardiaque Aspects Néphrologiques

Y. Dimitrov  
CH Haguenau

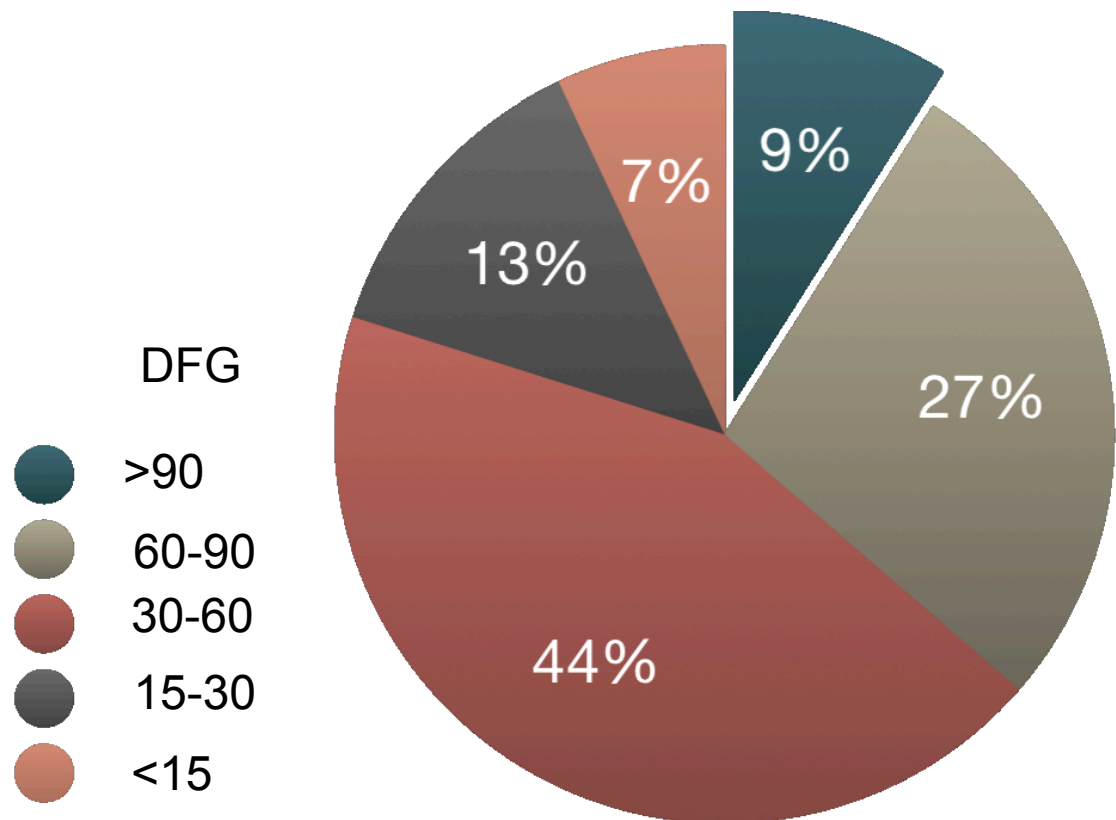
# Syndrome Cardio Rénal

- S. Andrieu (Avignon)
- Question « Connaissez-vous le SCR ? »
  - Non 62 %
- 30 réponses sur 2000 envois

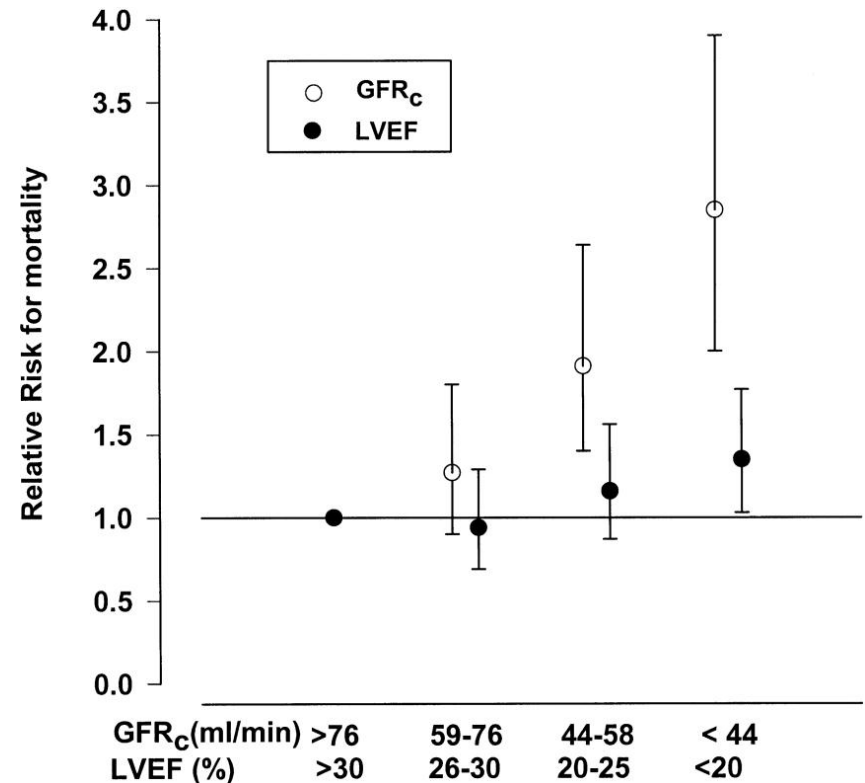
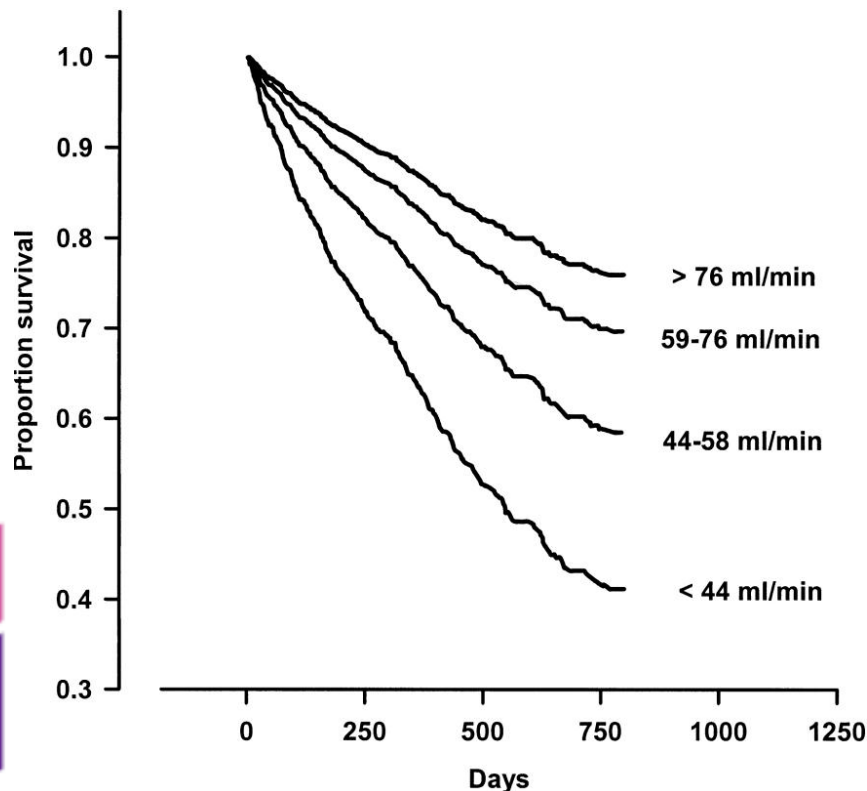
# Prevalence

## ADHERE Database

- 118,465 hospitalisations pour ADHF
- Pcr moyenne : 18 mg/L
- DFGe moyen 55,2 ml/min/1,73m<sup>2</sup>

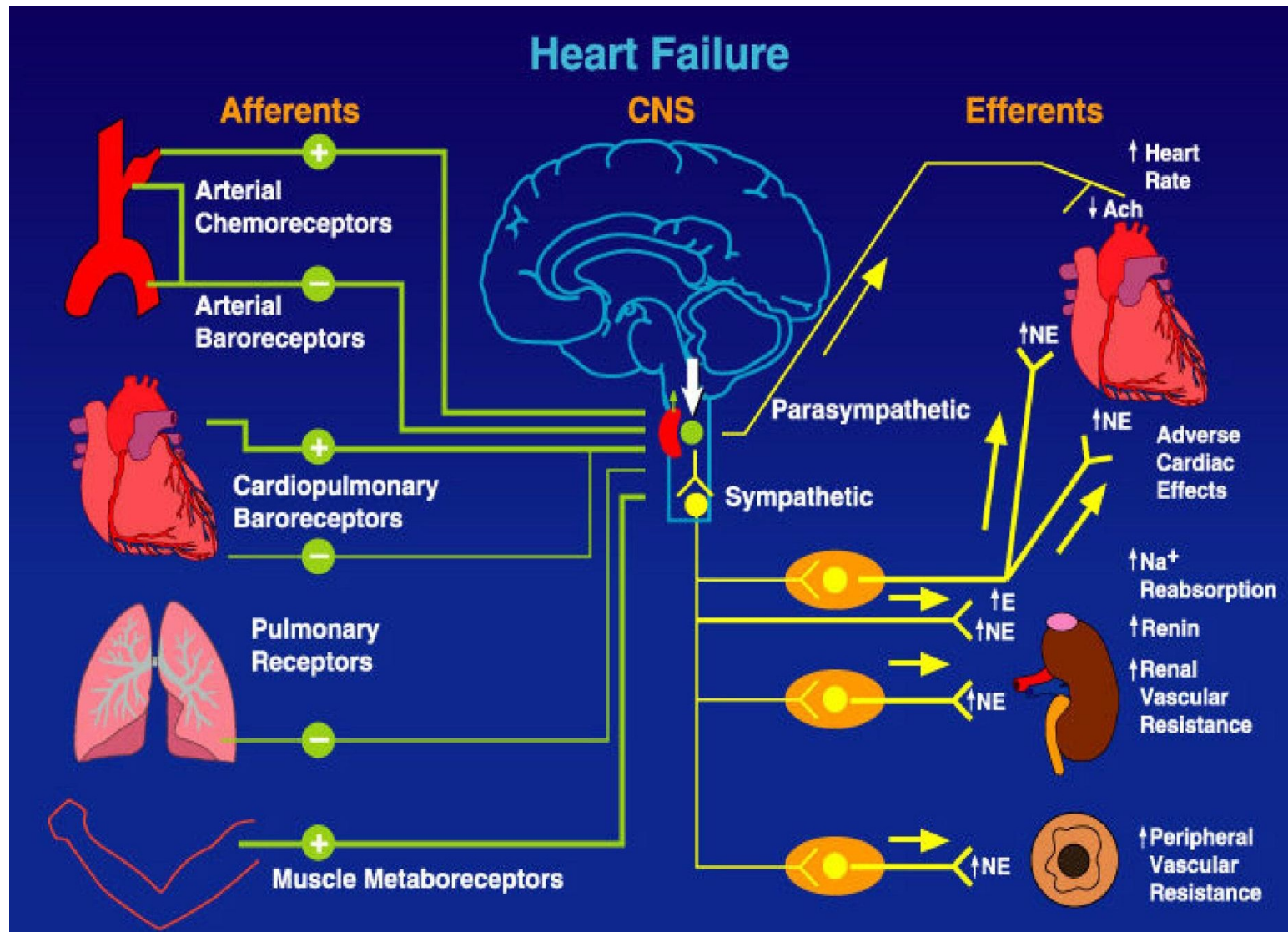


# Valeur pronostique de l'insuffisance rénale

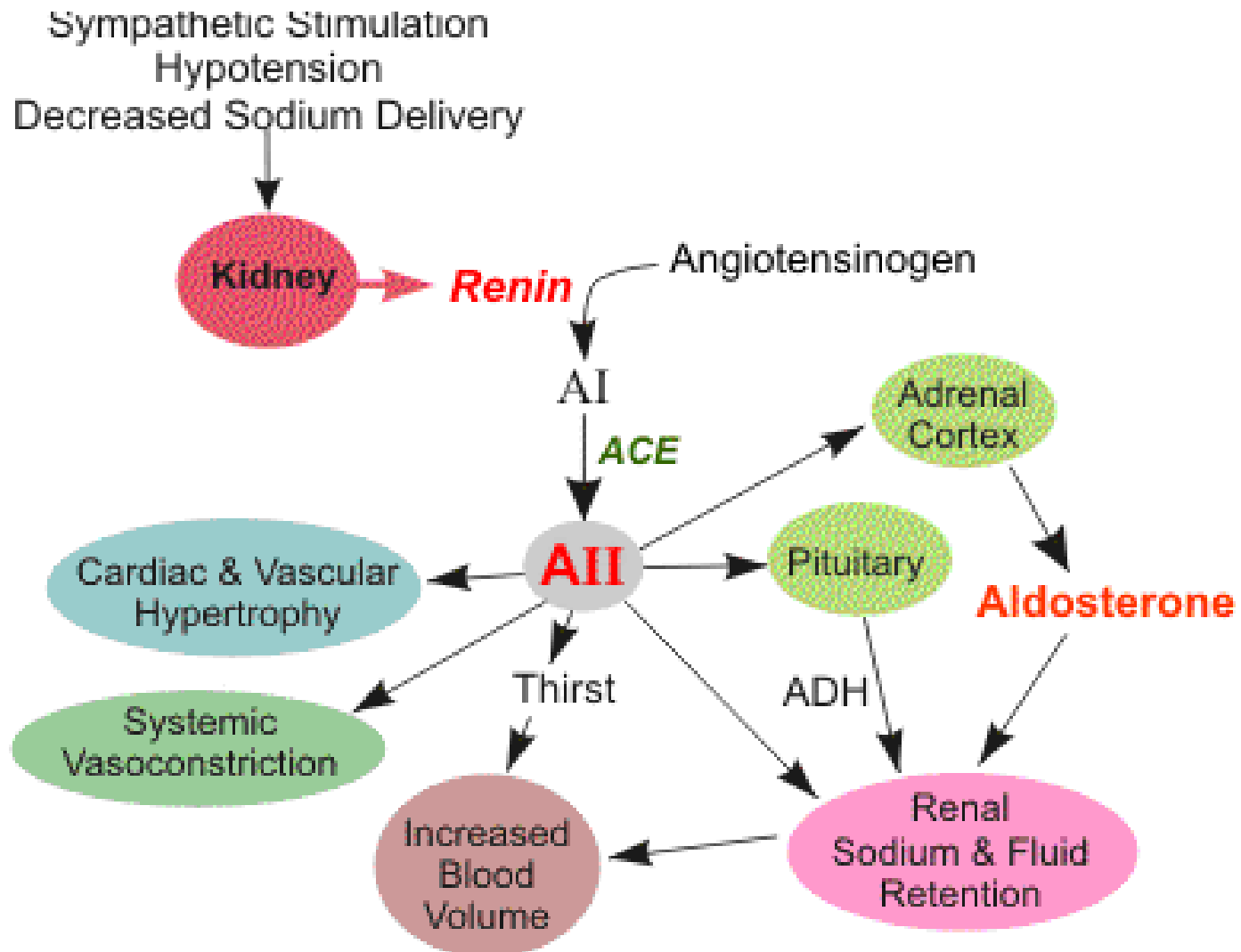


# Physiopathologie

# Hyperactivation sympathique

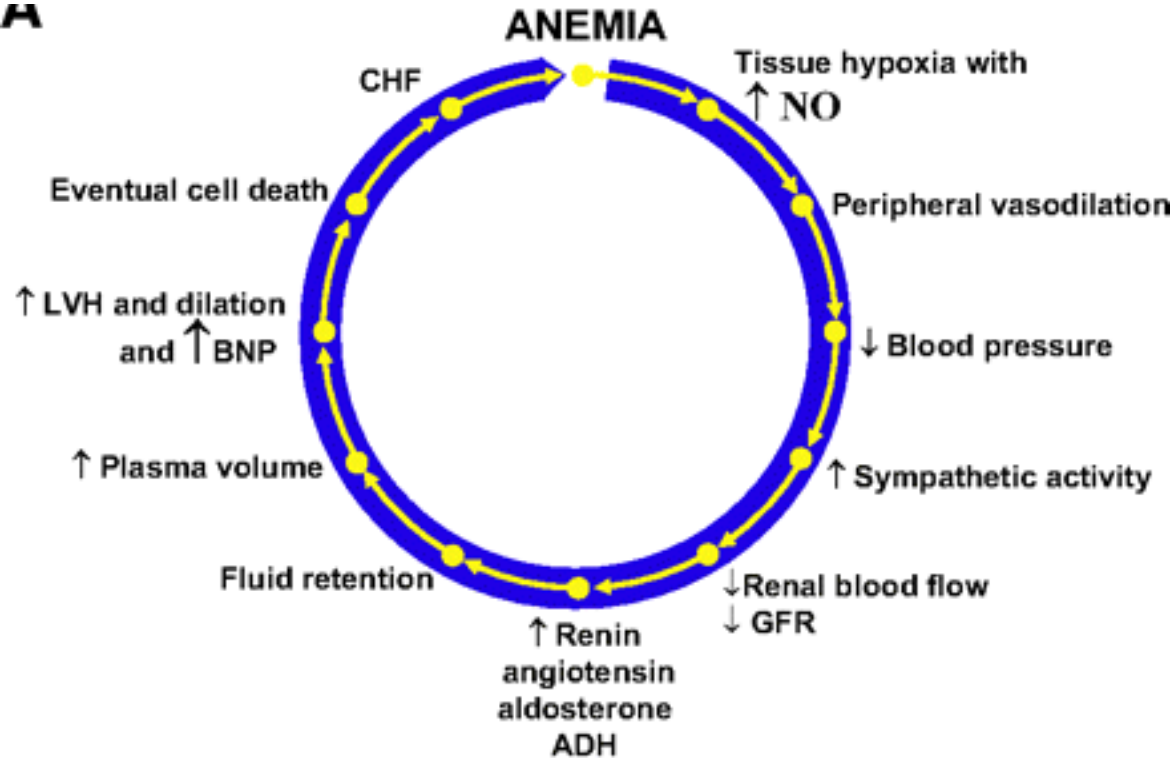


# SRAA

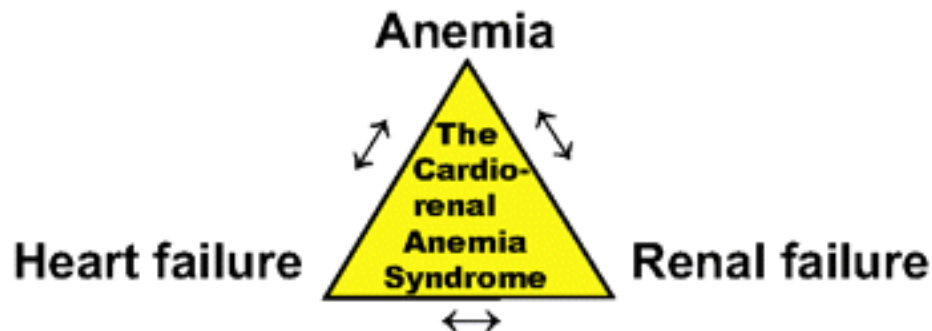


# Anémie

**A**



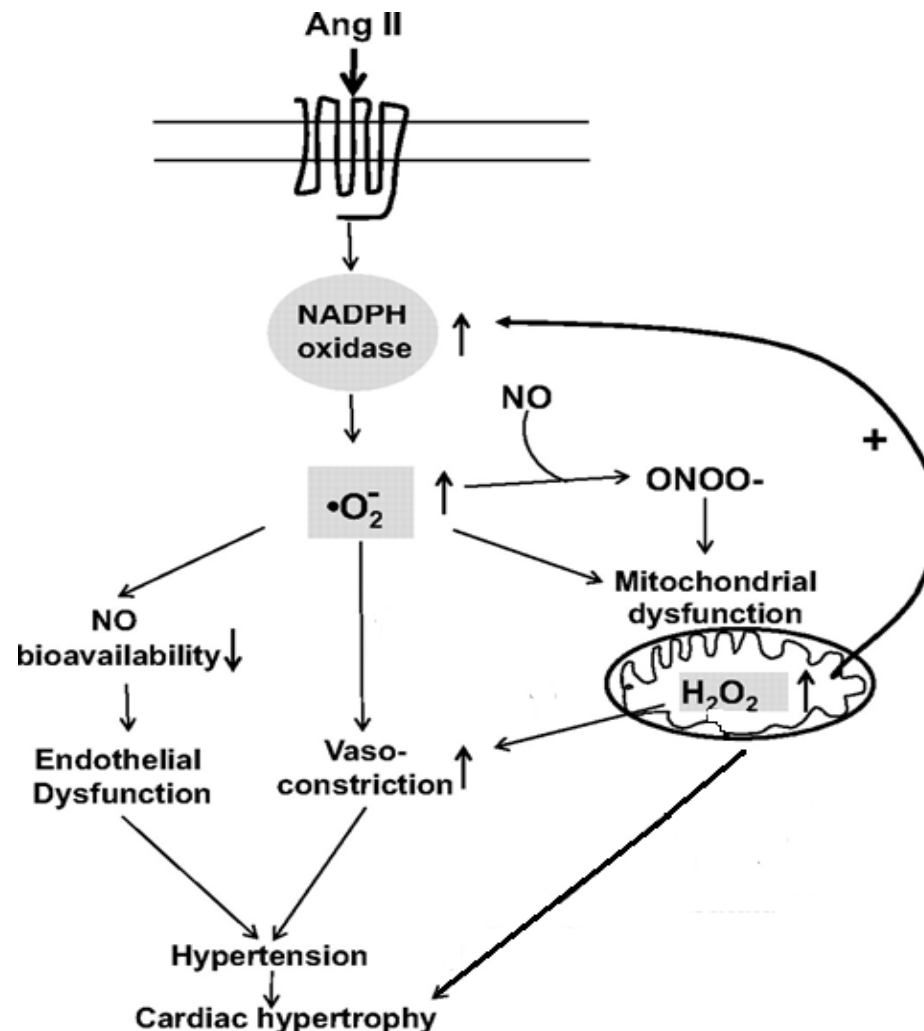
**B**



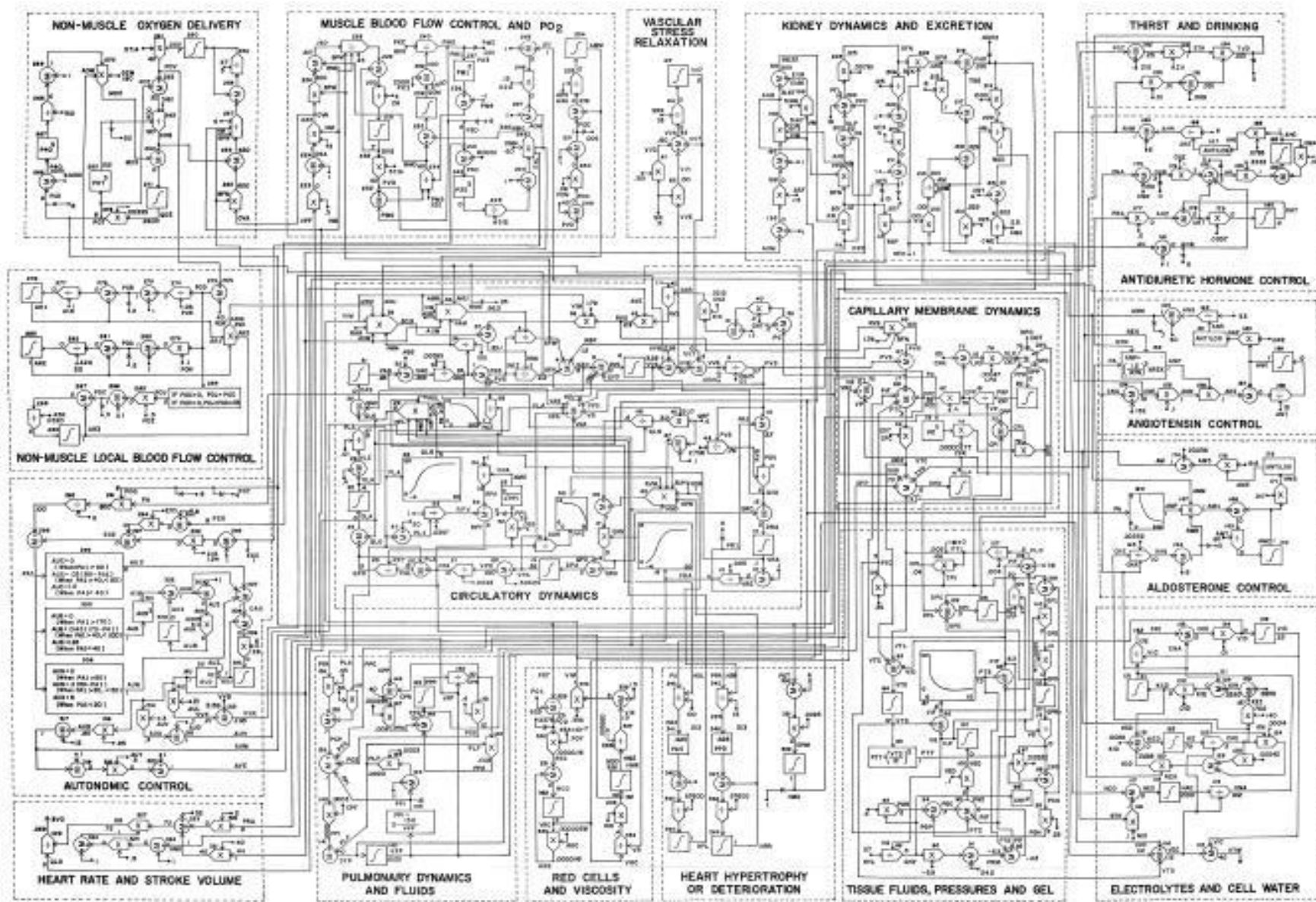


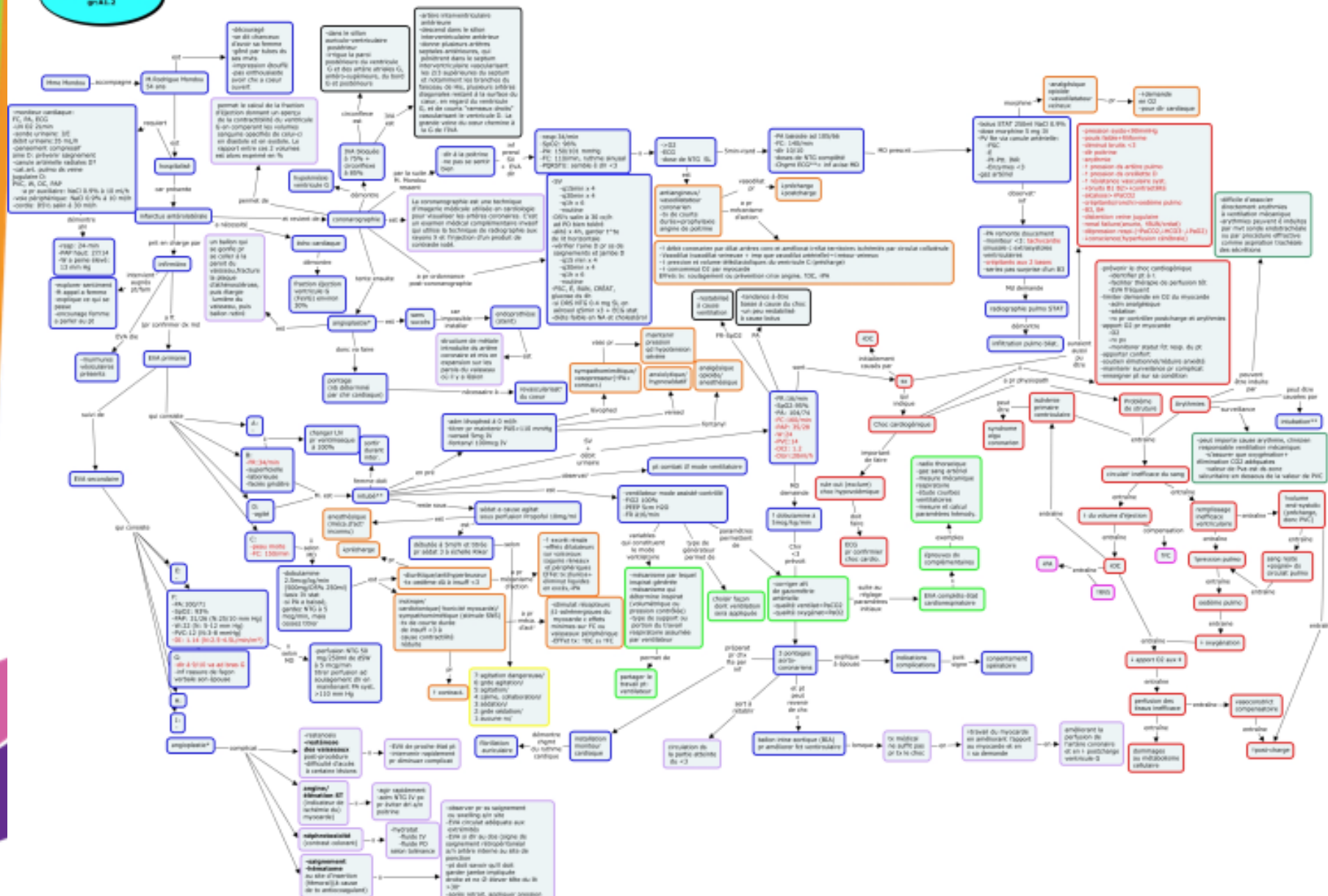
# Stress oxydant

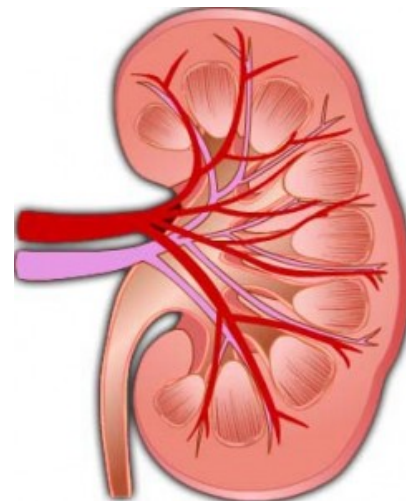
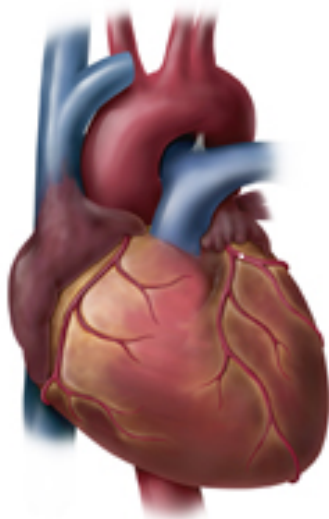
## Dysfonction endothéliale



# Synthèse









# Surcharge Hydro-sodée

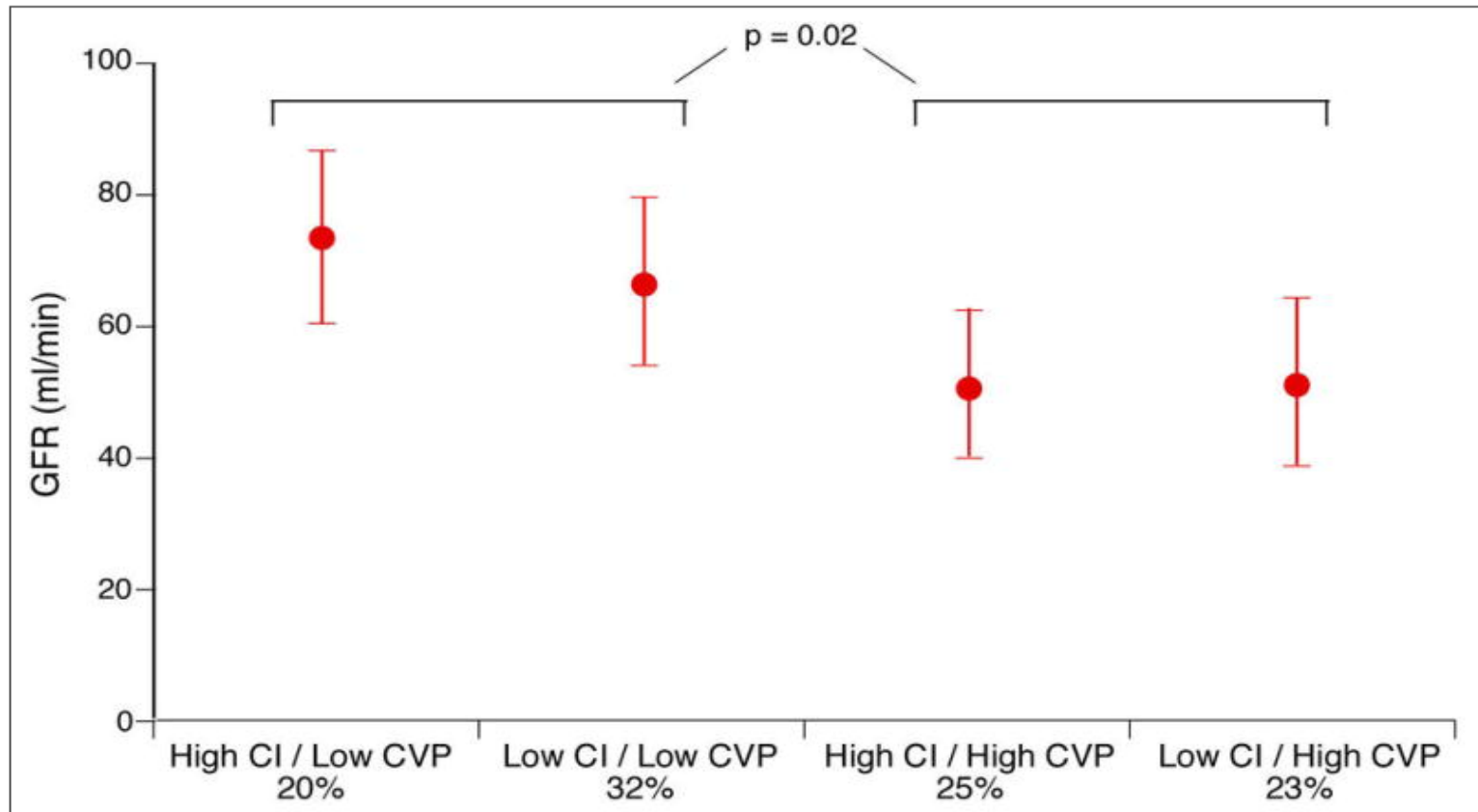


Figure 3

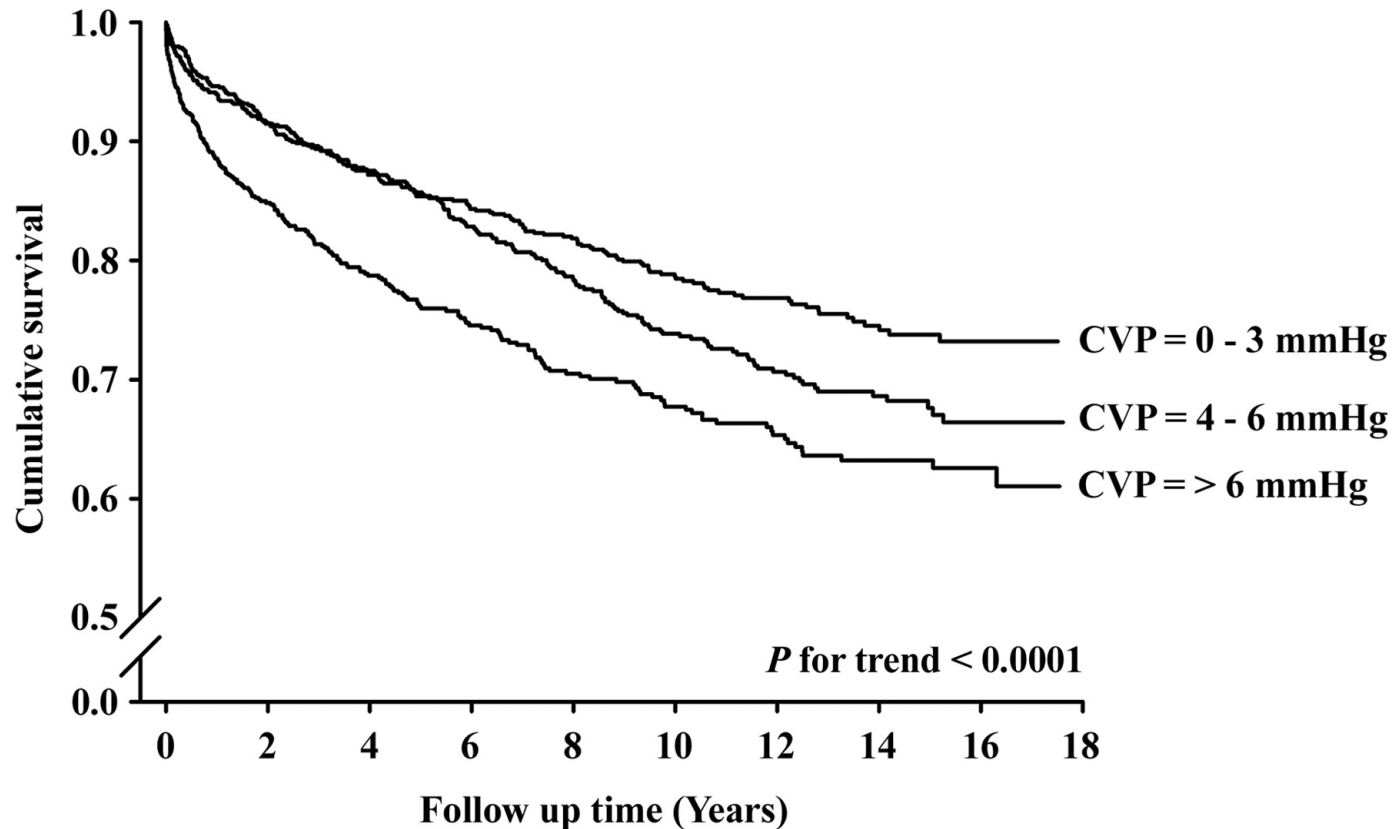
Relative contributions of central venous pressure (CVP) and cardiac index (CI) to glomerular filtration rate (GFR) at time of pulmonary artery catheter removal

Error bars represent 95% confidence interval. Cut-off values for CI = 2.4 l/min.m<sup>2</sup> and CVP = 8 mmHg.

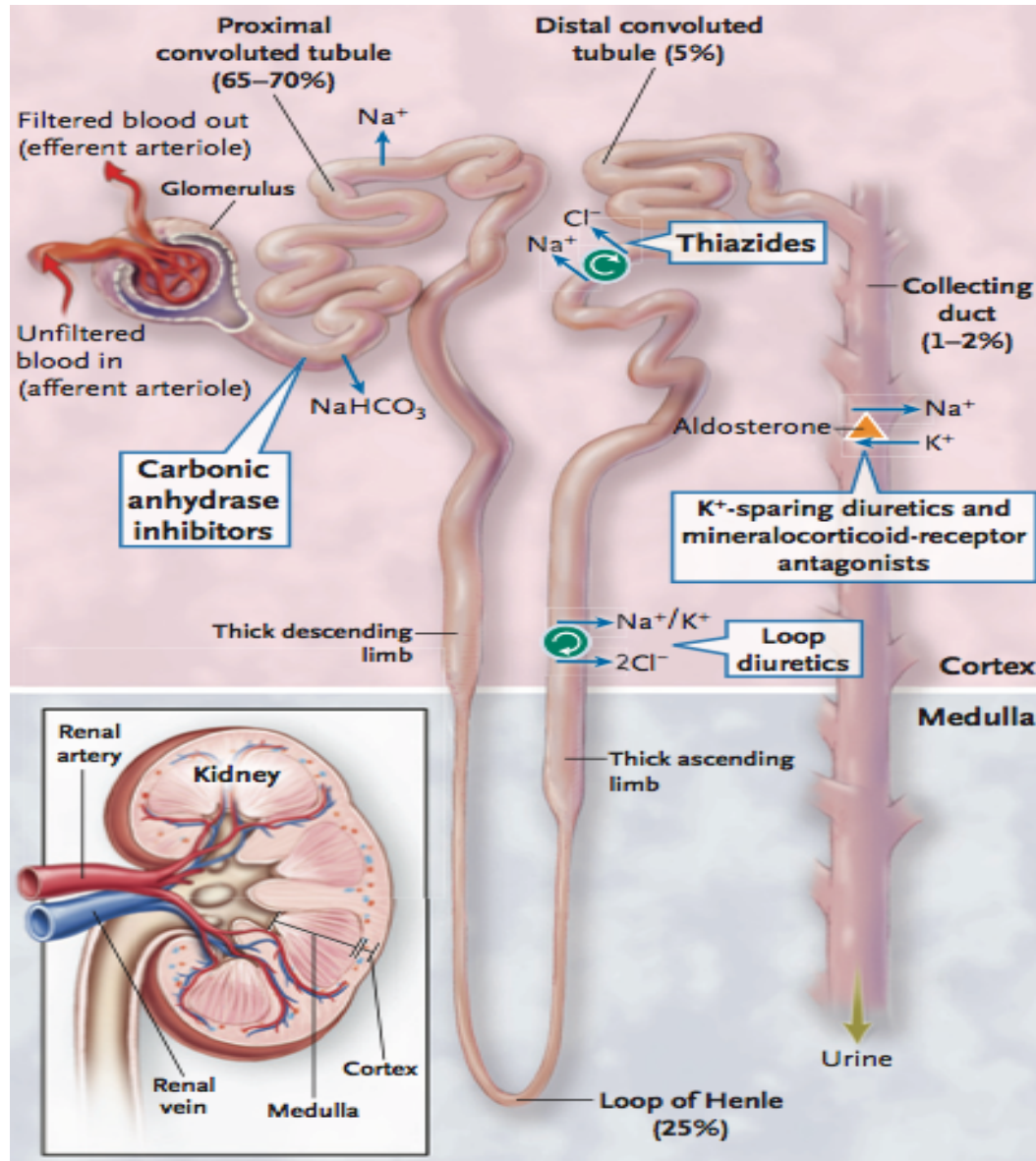
[Importance of Venous Congestion for Worsening of Renal Function in Advanced Decompensated Heart Failure](#)

J Am Coll Cardiol. J Am Coll Cardiol;53(7):589-596.

# RELATION PVC/MORTALITE



# Blocage séquentiel du tubule



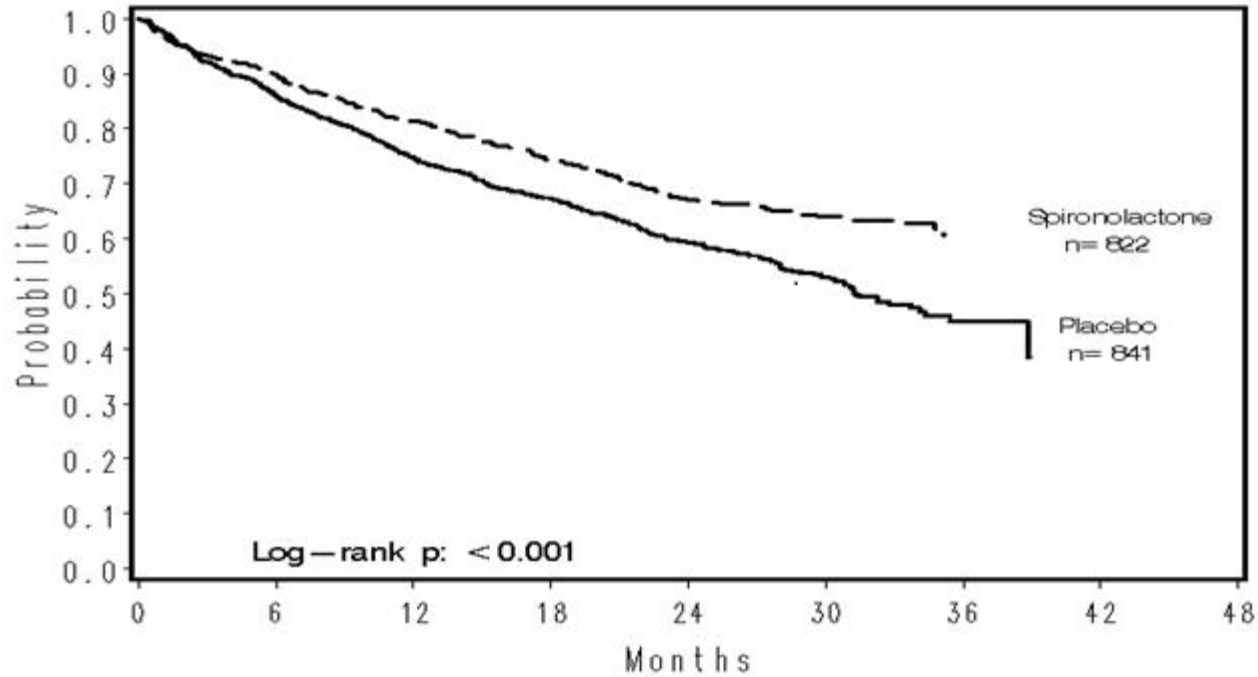
# TTT insuffisance cardiaque

- Triatec 10 1-0-1
- Tahor 40 0-0-1
- Kardegic 75 1-0-0
- Cardensiel 1,25 1-0-0
- Lasilix 500 1-1-0
- Diffu-K 2-2-2

**ALDACTONE ?**



# Etudes RALES

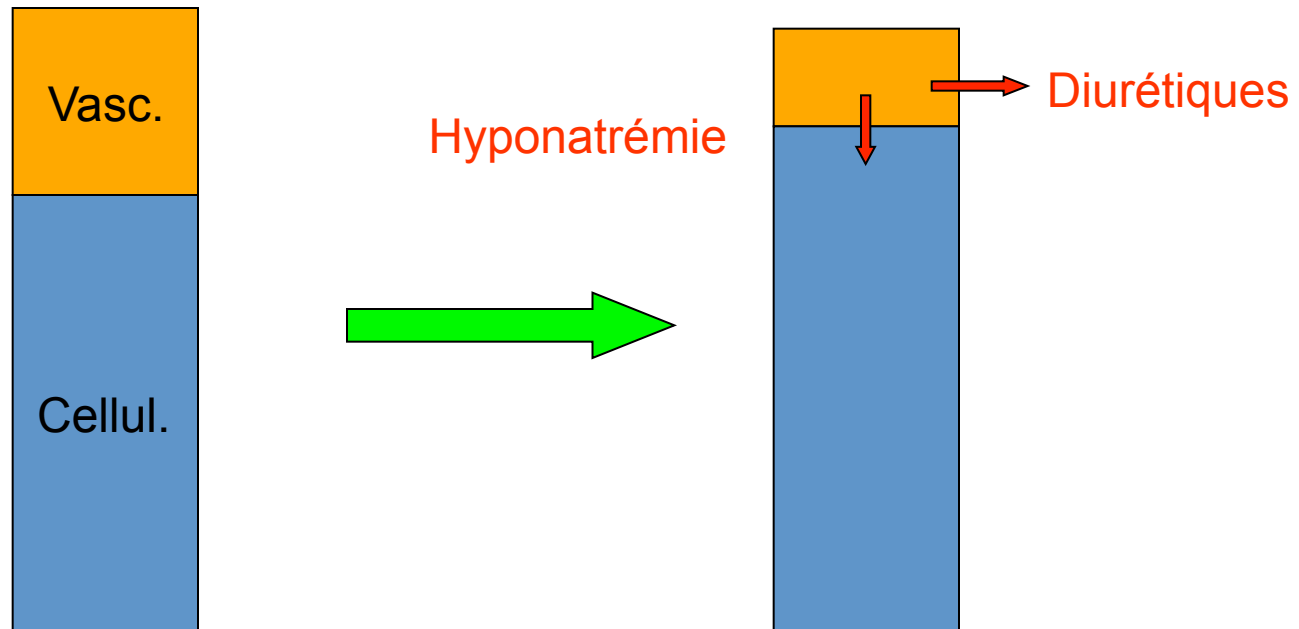


# Surveillance

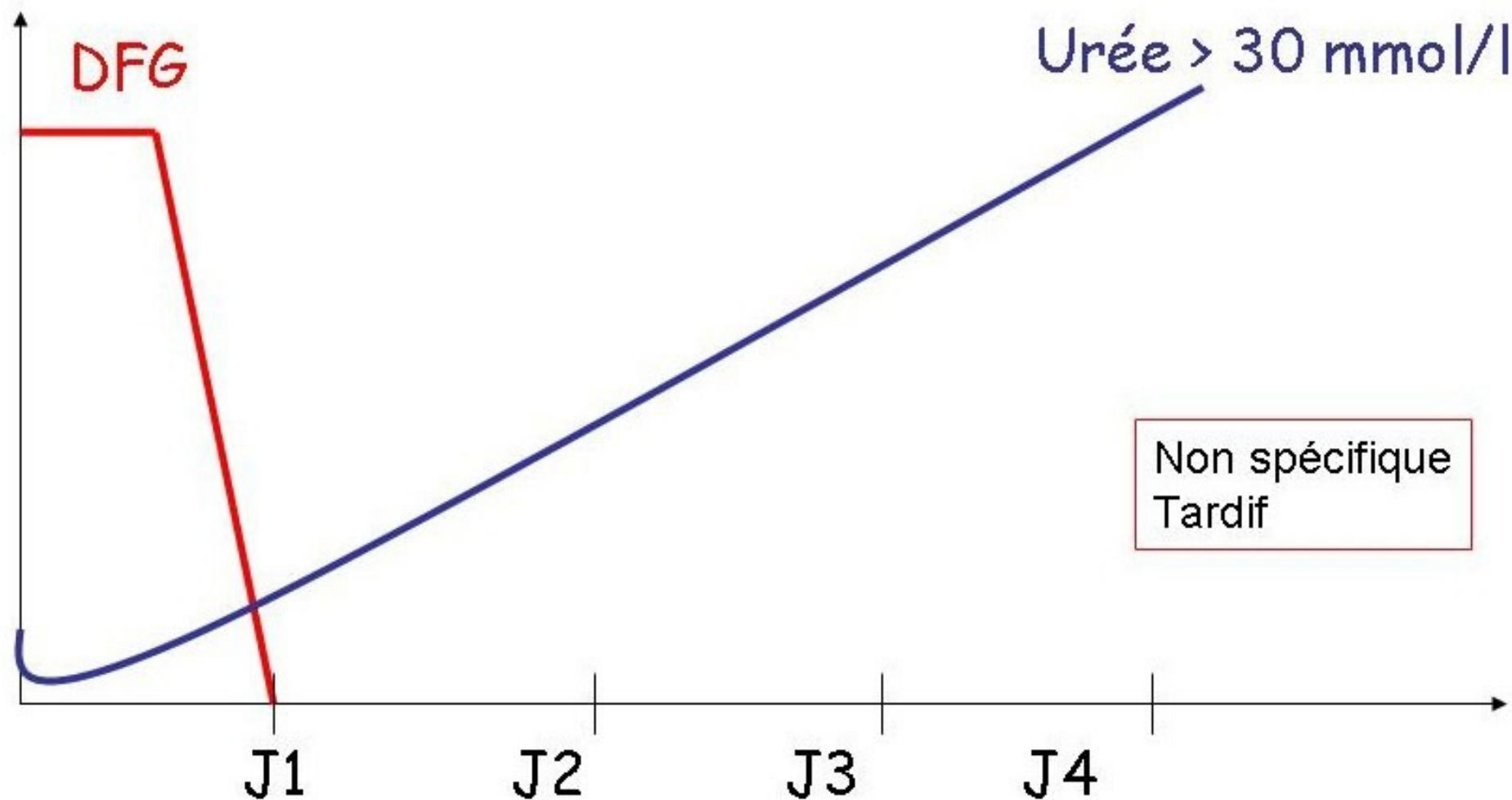
Poids +++

Créatinine

# Les pièges du poids



# Cinétique



TTT original ?

Dialyse Péritonéale

# DIALYSE PERITONEALE

|              |      |           |    |   |   |
|--------------|------|-----------|----|---|---|
| Scheneierson | 1949 |           |    |   |   |
| Gotloib      | 2005 | Allemagne | 20 | ↗ | N |
| Simpson      | 1986 | GB        | 9  | ↗ | C |
| Bilora       | 2002 | Italie    | 16 | ↗ | G |
| Okada        | 2002 | Japon     | 2  | ↗ | G |
| Grapsa       | 2004 | Grece     | 18 | ↗ | N |
| Weinrauch    | 1984 | Allemagne | 15 | ↗ | N |
| Aggarwal     | 2002 | Inde      | 20 | ↗ | G |
| Bar-Zohar    | 2006 | Israel    | 34 | ↗ | G |
| Mousson      | 1988 | France    | 19 | ↗ | G |
| Bertoli      | 2005 | Italie    | 2  | ↗ | N |
| Takane       | 2006 | Japon     | 16 | ↗ | N |
| Diez-Ojea    | 2007 | Espagne   | 5  | ↗ | N |
| Tormey       | 1996 | Irlande   | 3  | ↗ | G |
| Konig        | 1987 | Allemagne | 4  | ↗ | G |
| Stegmayr     | 1996 | Suede     | 16 | ↗ | N |
| Ryckelynck   | 1997 | France    | 16 | ↗ | N |
| Ortiz        | 2003 | Chili     | 3  | ↗ | N |
| Gotloib      | 2006 | Israel    | 20 | ↗ | N |
| Kagan        | 2005 | Israel    | 3  | ↗ | N |



# Résultats de la Dialyse Péritonéale

- 20 patients, NYHA IV
- TTT maximal
  - Indication de soins palliatifs
  - Mortalité attendue à 1 an 75 %
- TTT par DP
- Survie à 1 an 90 %
- Nombre de jours d'hospitalisation/an
  - Avant DP 157
  - Après DP 13

# Conclusion

- Fréquent
- Poids
- Accumuler les diurétiques/Aldactone
- Dialyse péritonéale ?