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LATE BREAKING STUDIES

RADIANCE-HTN TRIO TRIAL



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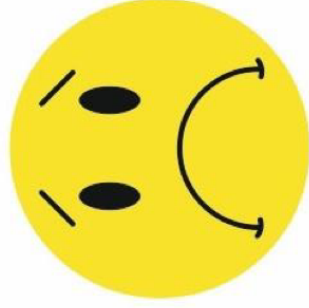
Compte Twitter Orateur
@Rboulestreau

L'Hypertension artérielle en 2021, c'est (toujours)

Fréquent



Grave



Mal contrôlé



RADIANCE-HTN TRIO

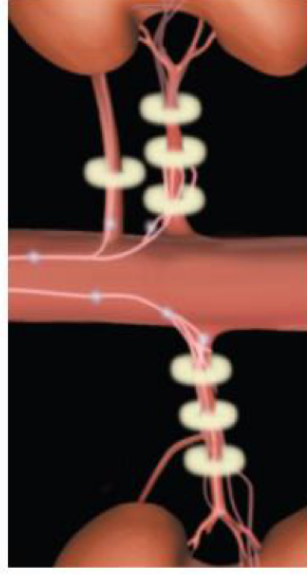
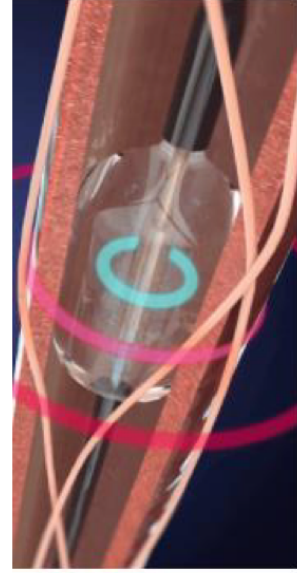
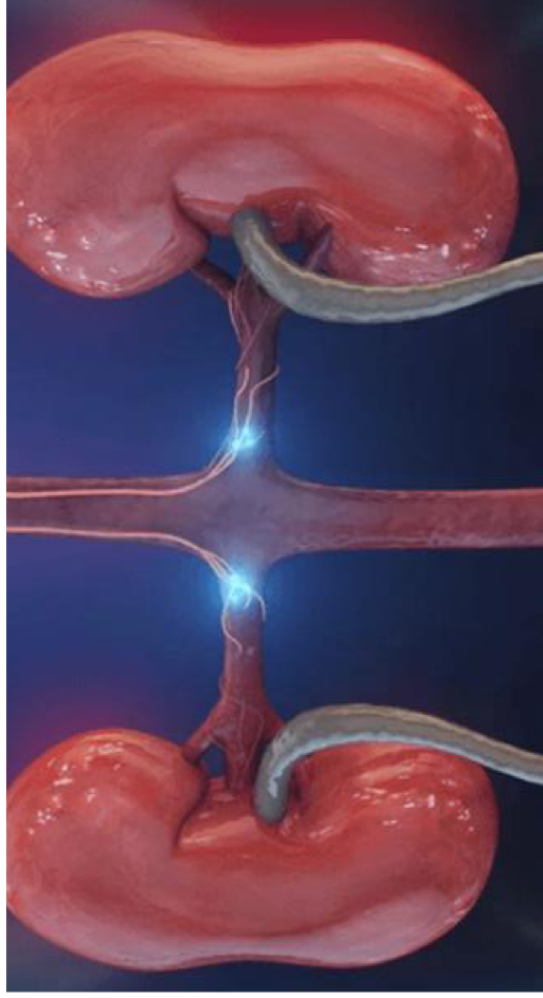
Un des problèmes (pas le seul)



RADIANCE-HTN TRIO



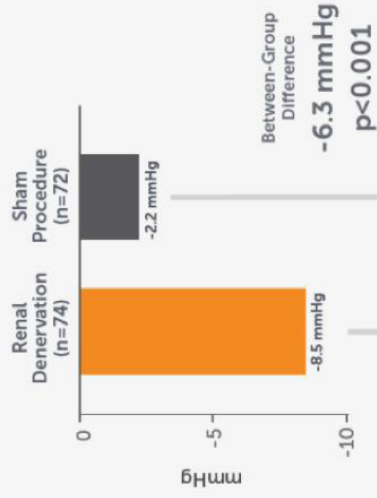
Dr. Reginald H. Smithwick



RADIANCE-HTN TRIO

RADIANCE-HTN SOLO

PRIMARY ENDPOINT:
Change in Daytime Ambulatory Systolic
Blood Pressure at 2 Months



Azizi et al. *Lancet*. 2018 Jun 9;391(10137):2335-2345.

RADIANCE-HTN TRIO

- 989 patients sélectionnés
- 53 ans de moyenne d'âge
- 20% femmes, 20% de patients à peau noire, 25 DT2, IMC moyen 33
- > Avec une HTA résistante
- > Et une anatomie artérielle compatible

RADIANCE-HTN TRIO

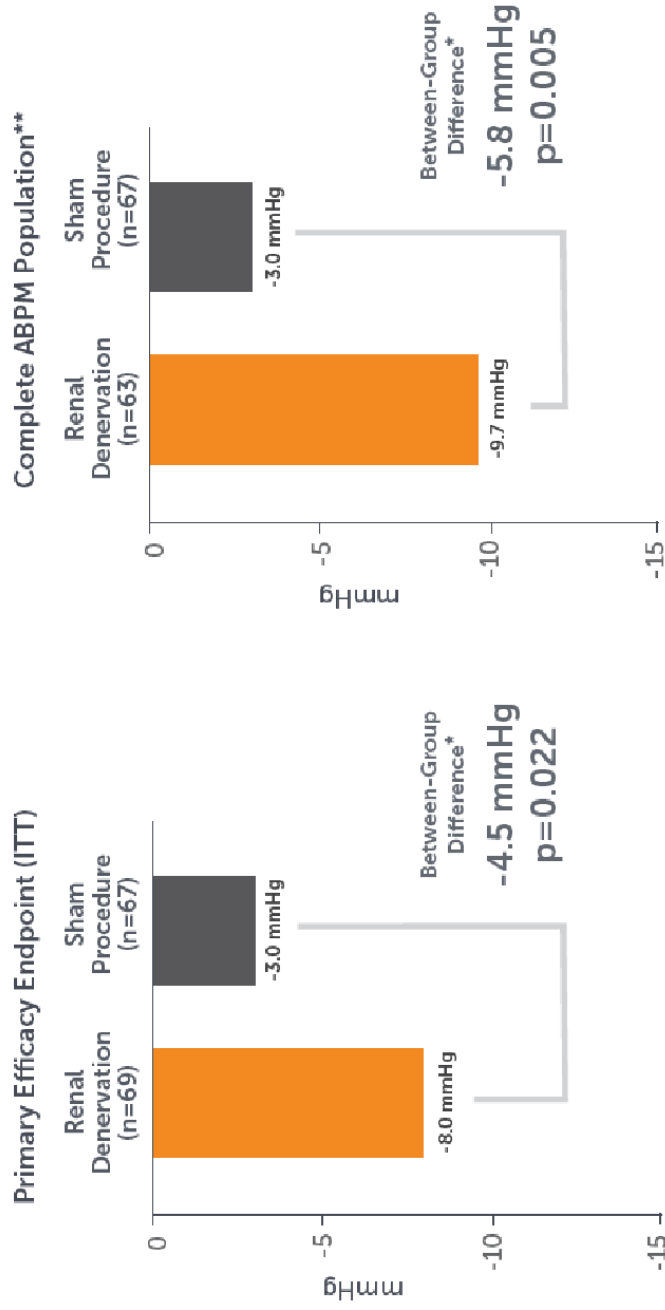
**- 989 patients sélectionnés
PA 163/104 mmHg**

TRITHÉRAPIE COMBINÉE

**166 patients inclus (> 135/85 en MAPA)
→ Randomisation 1/1 Dénervation
rénale en aveugle**

RADIANCE-HTN TRIO

Change in Daytime Ambulatory Systolic BP at 2 Months



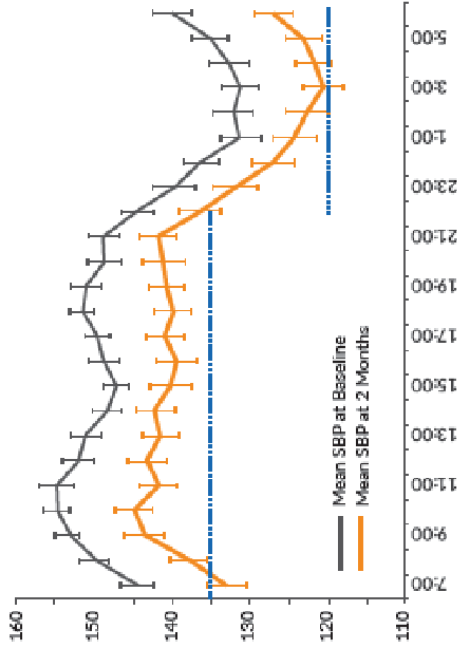
*Between group difference adjusted for baseline blood pressure

**The complete Ambulatory Blood Pressure Monitoring (ABPM) population omitted patients who did not have ABPM data at the primary end-point collection

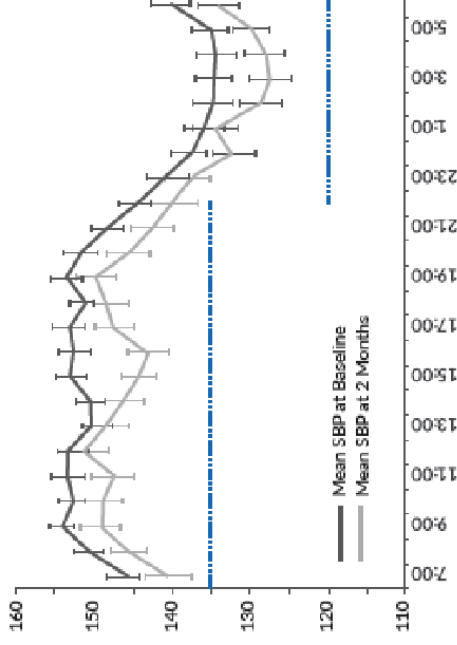
Azizi et al. *Lancet*. 2021. In press.

RADIANCE-HTN TRIO

Renal Denervation Group (n=63)



Sham Procedure Group (n=67)



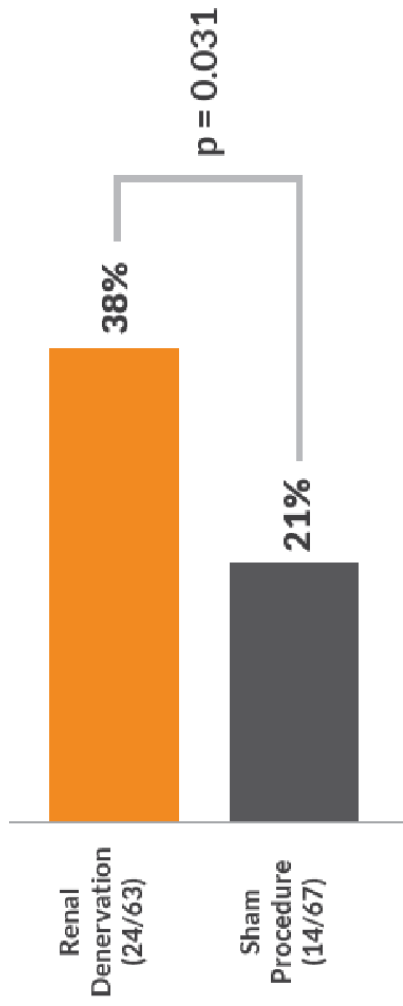
24h ABPM
Between-Group
Difference
-5.6 mmHg
p=0.0043

Complete ABPM Population

Kirtane. ACC 2021.

RADIANCE-HTN TRIO

Complete ABPM Population Daytime ABP (<135/85 mmHg)



Kirtane. ACC 2021.



SAFETY

Positive safety profile with no renal artery injury or stenosis through 2 months

La technique fonctionne

La trithérapie combinée fonctionne encore mieux !

Interet de la baisse pressionnelle obtenue ?

Zones d'incertitudes ?



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