#NephJC transcript

Healthcare Social Media Transcript

From: Tue May 27 17:30:00 PDT 2014
To: Tue May 27 19:30:00 PDT 2014

What is #NephJC? Who were the influencers during this time period? #NephJC analytics

Healthcare Conference - Healthcare Tweet Chats - Healthcare Analytics

nephjc

T minus 30 minutes until #NephJC All systems go for SYMPLICITY HTN-3 See http://t.co/EGvBBK6VOp for launch details http://t.co/Mb2pWTn2LV
Tue May 27 17:32:34 PDT 2014

hswapnil

RT @NephJC: T minus 30 minutes until #NephJC All systems go for SYMPLICITY HTN-3 See http://t.co/EGvBBK6VOp for launch details http://t....
Tue May 27 17:36:04 PDT 2014

kidney_boy

Twitter feed reflected through Starbucks Sumatra #NephJC http://t.co/kzUSuw1rlk
Tue May 27 17:41:33 PDT 2014

littlemshaldol

RT @kidney_boy: Twitter feed reflected through Starbucks Sumatra #NephJC http://t.co/kzUSuw1rlk
Tue May 27 17:42:05 PDT 2014

hswapnil

@kidney_boy and in the #nephjc mug too! Cool...can't wait to get mine
Tue May 27 17:45:08 PDT 2014

kidney_boy

Gaze into the coffee swirls. What do you see? I see #NephJC Then you are a wise physician (better tweet from DD) http://t.co/kzUSuw1rlk
Tue May 27 17:45:42 PDT 2014

nephjc

4 minutes until #nephjc
Tue May 27 17:57:02 PDT 2014

langoteamit

#NephJC : test tweet .
Tue May 27 17:57:57 PDT 2014
@LangoteAmit working great. I see you. #nephjc
Tue May 27 17:58:20 PDT 2014

@LangoteAmit glad to see you are coming #nephjc
Tue May 27 17:58:26 PDT 2014

Matt Sparks, nephrologist- duke and Durham VA #NephJC
Tue May 27 17:59:38 PDT 2014

Fire it Up! https://t.co/CRUD9jPMuY Welcome to #NephJC number 3: SYMPLICITY HTN-3 We will begin shortly. http://t.co/zhj3BXUr69
Tue May 27 18:00:01 PDT 2014

Please introduce yourself, tell us where you’re from, what you do and if you have an disclosures. #NephJC http://t.co/BBJLm1Jr79
Tue May 27 18:00:14 PDT 2014

Swapnil Hiremath, nephrologist and HT specialist, Ottawa. #NephJC http://t.co/ifAcFs4LQH
Tue May 27 18:00:48 PDT 2014

I am Joel Topf, nephrologist from Detroit. I also tweet as @Kidney_boy I will try to bring order to this #NephJC http://t.co/FEzaHqnST5
Tue May 27 18:00:49 PDT 2014

hi Matt #nephjc
Tue May 27 18:01:23 PDT 2014

#NephJC Amit Langote from Ottawa, nephrology fellow
Tue May 27 18:01:28 PDT 2014

Hey Hiremath! #nephjc
Tue May 27 18:01:33 PDT 2014

Hey Amit, glad you could make it! #nephjc
Tue May 27 18:01:46 PDT 2014

Mike Katz, cardiac electrophysiology fellow, based in Rochester, NY. Lurking / making snarky comments. #NephJC
Tue May 27 18:01:47 PDT 2014

@NephJC hi Joel #NephJC #nephrolove
Tue May 27 18:02:18 PDT 2014

Busta Rhymes and Knight Rider= pure gold Joel Topf from Detroit, nephrology attending #NephJC
Tue May 27 18:02:20 PDT 2014
hsapnil

@MGKatz036 glad you could make it. Welcome all the snark! #nephjc
Tue May 27 18:02:21 PDT 2014

eajkd

RT @MGKatz036: Mike Katz, cardiac electrophysiology fellow, based in Rochester, NY. Lurking/making snarky comments. #NephJC
Tue May 27 18:02:29 PDT 2014

nephjc

Glad you could make it Michael! #nephjc
Tue May 27 18:02:39 PDT 2014

langoteamit

Would not want to miss this interesting discussion #NephJC
Tue May 27 18:02:44 PDT 2014

nephjc

Remember to add #NephJC to every tweet you want to be part of the discussion and part of the recorded journal club.
Tue May 27 18:03:31 PDT 2014

nephjc

#NephJC recommends using http://t.co/T4b7zROEH8 or TChat.io to follow the chat. See a how to guide here: http://t.co/bjE1prd3MZ
Tue May 27 18:03:43 PDT 2014

drjohnm

Mandrola here. Cardiac EP from cultural mecca, center of the universe, Louisville KY. #NephJC
Tue May 27 18:03:57 PDT 2014

nephjc

John, glad you could make it? #nephjc
Tue May 27 18:04:12 PDT 2014

nephjc

didn’t mean to put a question mark there. Sorry! #nephjc
Tue May 27 18:04:29 PDT 2014

eajkd

RT @drjohnm: Mandrola here. Cardiac EP from cultural mecca, center of the universe, Louisville KY. #NephJC
Tue May 27 18:04:38 PDT 2014

paulphel

Paul Phelan, Research Fellow, Duke #nephjc
Tue May 27 18:05:02 PDT 2014

nephjc

Paul! (Everyone welcomes him like Norm from Cheers) #nephjc
Tue May 27 18:05:23 PDT 2014

nephjc

We are discussing Symplicity HTN-3 (S3 from here on out) from NEJM 370;15 p 1393-1401 http://t.co/yfmjh4cdnY #NephJC
Tue May 27 18:05:32 PDT 2014

nephjc

Who worked on Symplicity 3? #nephjc
Tue May 27 18:05:52 PDT 2014
RT @NephJC: Paul! (Everyone welcomes him like Norm from Cheers) #nephjc
Tue May 27 18:06:05 PDT 2014

kidney_boy
My site was a study center and I sent a few patients to be randomized. #NephJC
Tue May 27 18:06:14 PDT 2014

nephjc
We have put together a summary of out talking points and the article. It is available as a PDF from here: http://t.co/WHcC84Ly0D #NephJC
Tue May 27 18:06:57 PDT 2014

hswapnil
We were doing renal denervation (RDN) as part of another study #nephjc
Tue May 27 18:07:06 PDT 2014

nephjc
RT @hswapnil: We were doing renal denervation (RDN) as part of another study #nephjc
Tue May 27 18:07:24 PDT 2014

eajkd
Duke was part of it #NephJC
Tue May 27 18:07:36 PDT 2014

nephjc
S3 was the pivotal trial for radio frequency ablation of renal sympathetic nerves for tx of resistant htn. #NephJC http://t.co/aBccLUFzNY
Tue May 27 18:07:50 PDT 2014

nephjc
3 previous trials had positive results, though none had the robust trial design of SYMPLICITY HTN-3 #NephJC http://t.co/coJ4z4TtTT
Tue May 27 18:08:12 PDT 2014

nephjc
However Symplicity 3 was a bust with no reduction in office blood pressure at 6 months. #NephJC http://t.co/AfKjPZNfjk
Tue May 27 18:08:27 PDT 2014

nephjc
The topics in the download, need revising. We will be discussing the trial in depth as a Topic Zero and combine topics 1 and 2. #NephJC
Tue May 27 18:08:47 PDT 2014

hswapnil
No reduction = no difference in comparison to sham controls #nephjc
Tue May 27 18:09:16 PDT 2014

nephjc
T0: Resistant htn is defined as SBP >140, this is now a legal BP per JNC 8. Does this affect your thoughts? #NephJC http://t.co/kOQAhXS4xc
Tue May 27 18:09:32 PDT 2014

paulphel
'Resistant' HTN may also = non compliance #nephjc
Tue May 27 18:10:18 PDT 2014

kidney_boy
They created and ran the study in a pre-JNC8 world. I think we will see those types of problems for a few years #NephJC
Tue May 27 18:10:41 PDT 2014
@paulphel but the compliance seemed to resolve in the sham group at the same rate as the intervention group #NephJC
Tue May 27 18:11:16 PDT 2014

drjohnm @paulphel Yes. Because how many resistant in-patients have you seen? A: Not many. #NephJC
Tue May 27 18:11:17 PDT 2014

hswapnil Number of BP meds and dose very imp for defn of resistant HT IMO. Esp diuretic use #nephjc
Tue May 27 18:11:40 PDT 2014

langoteamit S3 set SBP>160 as inclusion. Could hv led to including pts with 1st reading high but subsequently reduced bp #nephjc
Tue May 27 18:11:47 PDT 2014

hswapnil @LangoteAmit indeed - issue with S1 and S2. In S3 they had run in phase and ABPM also to include #nephjc
Tue May 27 18:12:33 PDT 2014

paulphel @kidney_boy it certainly seems possible to me that patients became more compliant with regular visits/observation #nephjc
Tue May 27 18:12:49 PDT 2014

hswapnil RT @paulphel: 'Resistant' HTN may also = non compliance #nephjc
Tue May 27 18:12:50 PDT 2014

paulphel +1 RT "@drjohnm Yes. Because how many resistant in-patients have you seen? A: Not many" #NephJC
Tue May 27 18:13:42 PDT 2014

nephjc Why do a confirmatory screening? Does this make the results more valid? #nephjc
Tue May 27 18:13:58 PDT 2014

hswapnil Confirmatory screening = less regression to the mean #nephjc
Tue May 27 18:14:27 PDT 2014

kidney_boy the confirmatory screening should have made reversion to the mean a less important phenomena #NephJC
Tue May 27 18:14:30 PDT 2014

hswapnil Regression to the mean = the higher you are, the greater you will fall, even without Rx #nephjc
Tue May 27 18:15:07 PDT 2014

mlgumz RT @NephJC: However Symplicity 3 was a bust with no reduction in office blood pressure at 6 months. #NephJC http://t.co/AfKJPZFjk
Tue May 27 18:15:15 PDT 2014
nephjc  
T:0: Inclusion Criteria. Is this the right population to study? Should they have picked an easier population? #nephjc  
Tue May 27 18:15:30 PDT 2014

mlgumz  
RT @NephJC: We have put together a summary of out talking points and the article. It is available as a PDF from here: http://t.co/WHcC84Ly0…  
Tue May 27 18:15:36 PDT 2014

hswapnil  
Regression to the mean = the higher you are, the more you will fall, even without Rx #nephjc  
Tue May 27 18:16:03 PDT 2014

nephjc  
Why do a confirmatory screening? Does this make the results more valid? #NephJC  
Tue May 27 18:16:19 PDT 2014

eajkd  
They should require sham and blinded controls in earlier studies #NephJC  
Tue May 27 18:16:27 PDT 2014

nephjc  
Everyone happy with the primary and secondary end points? #NephJC  
http://t.co/AdS5Apt6tGO  
Tue May 27 18:16:28 PDT 2014

langoteamit  
Confirmatory screening with 24 hrs ABPM . Would that be diff from average of 3 readings done at start ? #nephjc  
Tue May 27 18:16:49 PDT 2014

drjohnm  
RT @eAJKD: They should require sham and blinded controls in earlier studies #NephJC  
Tue May 27 18:16:54 PDT 2014

hswapnil  
Regression to mean major issue with uncontrolled, before and after comparison (I.e. Symplicity 1) #nephjc  
Tue May 27 18:16:55 PDT 2014

kidney_boy  
RT @drjohnm RT @eAJKD: They should require sham and blinded controls in earlier studies #NephJC I bet Shams are difficult to get through IRB  
Tue May 27 18:17:39 PDT 2014

hswapnil  
@LangoteAmit in some ways yes. Office BP cannot rule out white coat effect, masked effect #nephjc  
Tue May 27 18:17:55 PDT 2014

eajkd  
plus i believe (no data) placebo effect is amped up when invasive intervention is involved #nephjc  
Tue May 27 18:18:15 PDT 2014

kidney_boy  
Average of 3 office BP is a way to make office BP look more like ambulatory BPs but nothing like the real thing. #NephJC  
Tue May 27 18:18:42 PDT 2014

eajkd  
better to let shams go through than subject 100's of people to procedure for no reason
drjohnm  @kidney_boy @eAJKD Yes, imagine a sham AF ablation! Oops... just kidding  @MGKatz036 #NephJC
Tue May 27 18:18:49 PDT 2014

hswapnil  Sham controls are needed, should have been thought of for SYMPLECTICITY 2. For proof of concept, S1 it was OK IMO for no controls #nephjc
Tue May 27 18:19:08 PDT 2014

paulphel  Is this stupid: why does it only have to work in resistant HTN to be useful? #nephjc
Tue May 27 18:19:11 PDT 2014

hswapnil  RT @eAJKD: better to let shams go through than subject 100's of people to procedure for no reason #nephjc
Tue May 27 18:19:40 PDT 2014

drjohnm  RT @paulphel: Is this stupid: why does it only have to work in resistant HTN to be useful? #nephjc < No. But remember $$$$$
Tue May 27 18:19:41 PDT 2014

mgkatz036  @drjohnm @kidney_boy @eAJKD “Do these AF ablation things really work?” #JustAsking #NephJC
Tue May 27 18:19:48 PDT 2014

kidney_dude  greeting from san antonio! just being in the study may have led to better compliance with salt restriction #nephjc
Tue May 27 18:20:11 PDT 2014

kidney_boy  The question is will patient with equal BP get better hard outcomes (stroke CHF mortality) with renal denervation #NephJC
Tue May 27 18:20:22 PDT 2014

nephjc  Ho Kidney Dude, thanks for making it! #nephjc
Tue May 27 18:20:41 PDT 2014

nephjc  Results: #NephJC http://t.co/1pHkoFFhdM
Tue May 27 18:21:17 PDT 2014

nephjc  Results: primary and secondary end-points #NephJC Does anybody have any questions? http://t.co/eKk3jsCyuV
Tue May 27 18:21:27 PDT 2014

kidney_dude  would be interesting to look at 24 hr urine sodium excretion in all participants at randomization and then at end of study #nephjc
Tue May 27 18:21:30 PDT 2014

mlgumz  RT @NephJC: Results: #NephJC http://t.co/1pHkoFFhdM
Tue May 27 18:21:37 PDT 2014
Results: Pre-specified subgroup analysis. P values are unadjusted for multiple comparisons #NephJC http://t.co/bJKnJhNamh
Tue May 27 18:21:44 PDT 2014

Results Not pre-specified: From the appendix. #NephJC http://t.co/rtG3QdOUzR
Tue May 27 18:22:01 PDT 2014

does anyone have a chart of the S1,2 and 3 participants and differences etc #nephjc
Tue May 27 18:22:08 PDT 2014

@drjohnm and long term safety? Invasive Procedure...of course $$$ main consideration. BP meds are cheap and effective #nephjc
Tue May 27 18:22:08 PDT 2014

Results: Safety endpoints. No safety signal. #NephJC http://t.co/mW0Jco7FnP
Tue May 27 18:22:21 PDT 2014

@kidney_boy Wise to keep an eye on real outcomes. The new HTN g-line statements underscore the concern over surrogates #NephJC
Tue May 27 18:22:23 PDT 2014

Are we sure the device itself was optimally operated during the trial? Was the ablation in human comfortable to that in animals? #NephJC
Tue May 27 18:23:12 PDT 2014

MT @Kidney_dude: "would be interesting to look at 24 hr urine sodium excretion.." #nephjc YES we have no biomarkers showing RDN worked!
Tue May 27 18:23:18 PDT 2014

we should get that data, I think they said they will follow these patients long term. Ultimately S3 may turn to a win #NephJC
Tue May 27 18:23:23 PDT 2014

RT @paulphel: MT @Kidney_dude: "would be interesting to look at 24 hr urine sodium excretion.." #nephjc YES we have no biomarkers showing R...
Tue May 27 18:23:37 PDT 2014

Ho Ed thanks for making it. @Rx_Ed #nephjc
Tue May 27 18:23:45 PDT 2014

Are we sure the device itself was optimally operated during the trial? Was the ablation in human comparable to that in animals? #NephJC
Tue May 27 18:24:02 PDT 2014

RT @paulphel: MT @Kidney_dude: "would be interesting to look at 24 hr urine sodium excretion.." #nephjc YES we have no biomarkers showing R...
Tue May 27 18:24:08 PDT 2014

@Rx_Ed i liked your tweet before, asking if the ablation in humans was comfortable.
drjohnm  @hswapnil Sneakers and a jacket even cheaper than pills. That’s the problem. HTN, like AF, not a mystery for most. #NephJC Whose job is HTN?  
Tue May 27 18:24:39 PDT 2014

langoteamit  Authors say no diff in learning curve between experienced and novice operators #nephjc  
Tue May 27 18:24:48 PDT 2014

nephjc  RT @LangoteAmit: Authors say no diff in learning curve between experienced and novice operators #nephjc  
Tue May 27 18:25:06 PDT 2014

hswapnil  S3 design itself was very robust: run in phase, ABPM criteria for all, sham procedure controls, diuretic use for all #nephjc  
Tue May 27 18:25:07 PDT 2014

langoteamit  Energy delivery confirmed by angiographic notching #nephjc  
Tue May 27 18:25:09 PDT 2014

hswapnil  RT @drjohnm: @hswapnil Sneakers and a jacket even cheaper than pills. That’s the problem. HTN, like AF, not a mystery for most. #NephJC Who…  
Tue May 27 18:25:27 PDT 2014

nephjc  RT @hswapnil: S3 design itself was very robust: run in phase, ABPM criteria for all, sham procedure controls, diuretic use for all #nephjc  
Tue May 27 18:25:38 PDT 2014

kidney_boy  RT @LangoteAmit Energy delivery confirmed by angiographic notching #nephjc Anyone know what angiographic notching really is???  
Tue May 27 18:26:09 PDT 2014

langoteamit  Studies with same catheter in juvenile swine confirmed > 85% reduction in norepinephrine content #nephjc  
Tue May 27 18:26:13 PDT 2014

hswapnil  Double blind (unlike S1 and S2) no information bias from clinic staff measuring BP #nephjc  
Tue May 27 18:26:19 PDT 2014

paulphel  The 'Notching' seems v wishy washy to me! RT @LangoteAmit Energy delivery confirmed by angiographic notching #nephjc  
Tue May 27 18:26:32 PDT 2014

kidney_dude  @damianfog i was amazed myself when i stumbled onto this paper #nephjc  
Tue May 27 18:26:37 PDT 2014

kidney_boy  @LangoteAmit Table 1 didn’t mention the number of juvenile swine enrolled in S3. #NephJC
eajkd  I enjoyed this classic @drjohnm piece on S3 trial http://t.co/piGOgC4Ub #nephjc
Tue May 27 18:27:01 PDT 2014

drjohnm @kidney_boy @LangoteAmit The point about ablation endpoint is important for RDN in gen, but device same in S1-3. #NephJC
Tue May 27 18:27:12 PDT 2014

hswapnil  But even S1 and S2 were multi centre trials with few patients per centre. Why should S3 on #nephjc
Tue May 27 18:27:22 PDT 2014

hswapnil  Why should on #nephjc
Tue May 27 18:27:37 PDT 2014

hswapnil  why should on #nephjc
Tue May 27 18:27:47 PDT 2014

mgkatz036  Does Carto work in the renal arteries? @drjohnm #Mapping #RNpotentials #NephJC
Tue May 27 18:27:58 PDT 2014

langoteamit  @kidney_boy. Preclinical studies with juvenile swine before symplicity1 trial #nephjc
Tue May 27 18:28:03 PDT 2014

hswapnil  Last try: why should on #nephjc
Tue May 27 18:28:12 PDT 2014

eajkd  vascular lesions (including notching) of symplicity catheter http://t.co/LVvL22W97a #nephjc
Tue May 27 18:28:25 PDT 2014

kidney_boy  swapnil you having a seizure? #NephJC
Tue May 27 18:28:30 PDT 2014

hswapnil  @kidney_boy looks like it! #nephjc
Tue May 27 18:28:52 PDT 2014

nephjc  Topic 1: S3 results differ from the previous trials. Is this due to the more robust trial design? #NephJC http://t.co/5ZA0HZtn8
Tue May 27 18:29:12 PDT 2014

hswapnil  I meant to say, why should technical expertise be an issue for S3 if not for S1 and S2? #nephjc
Tue May 27 18:29:22 PDT 2014

nephjc  RT @hswapnil: I meant to say, why should technical expertise be an issue for S3 if not for S1 and S2? #nephjc

langoteamit Abdominal pain during RF ablation could suggest afferent nerve denervation. No mention of that #nephjc
Tue May 27 18:30:17 PDT 2014

eajkd S3 IMO i believe the trial design is most important. must strive to improve earlier trial design #nephjc
Tue May 27 18:30:19 PDT 2014

kidney_boy RT if you think renal denervation really works and something went wrong with S3. Favorite if you think the sh*t don't work. #NephJC
Tue May 27 18:30:33 PDT 2014

andrewfmalone Agreed @paulphel seems to me notching is key! #nephjc
Tue May 27 18:30:33 PDT 2014

tweetchat RT @NephJC: #NephJC recommends using http://t.co/T4b7zRQEh8 or TChat.io to follow the chat. See a how to guide here: http://t.co/bjE1prd3MZ
Tue May 27 18:30:36 PDT 2014

nephjc Ho Andrew Malone, thanks for joining! #nephjc
Tue May 27 18:30:59 PDT 2014

hswapnil @DamianFog @Kidney_dude Hey guys! Welcome, please use #NephJC to get included in the conversation
Tue May 27 18:31:02 PDT 2014

paulphel Can anyone explain notching to me? Not all patients had it. How useful is it? It does sound cool though #nephjc
Tue May 27 18:31:20 PDT 2014

nephjc RT @hswapnil: @DamianFog @Kidney_dude Hey guys! Welcome, please use #NephJC to get included in the conversation
Tue May 27 18:31:27 PDT 2014

nephjc Topic 1: What do this say for future therapeutics? Is there any role for uncontrolled trials? #NephJC
Tue May 27 18:32:53 PDT 2014

hswapnil @kidney_boy 3 favourites, no RTs! #nephjc
Tue May 27 18:32:58 PDT 2014

eajkd even if denervation worked (how long would it last), nerves grow back in animal studies (?in humans) http://t.co/PST57SYsg2 #nephjc
Tue May 27 18:33:05 PDT 2014

hswapnil @NephJC uncontrolled trials still useful for proof of concept. But therapy should not be used in routine practice without good RCT #nephjc
Tue May 27 18:33:46 PDT 2014
@paulphel Notching arteries does not sound healthful to me. Remember EP rule on ablation: You can’t undue a burn. #NephJC
Tue May 27 18:33:55 PDT 2014

eajkd
vascular lesions (including notching) of simplicity catheter http://t.co/LVcL22W97a #nephjc @paulphel read this
Tue May 27 18:33:57 PDT 2014

hswapnil
RT @eAJKD: even if denervation worked (how long would it last), nerves grow back in animal studies (?in humans) http://t.co/PST57SYSg2 #nep...
Tue May 27 18:33:59 PDT 2014

langoteamit
@mattsparks - afferent nerve grow faster than efferent . Long term follow up needed #nephjc
Tue May 27 18:34:23 PDT 2014

hswapnil
RT @drjohnm: @paulphel Notching arteries does not sound healthful to me. Remember EP rule on ablation: You can’t undue a burn. #NephJC
Tue May 27 18:34:32 PDT 2014

paulphel
T1: uncontrolled trials? I'm not a fan but European registries will be interesting. Remember they are different populations to US #nephjc
Tue May 27 18:34:37 PDT 2014

nephjc
RT @drjohnm: @paulphel Notching arteries does not sound healthful to me. Remember EP rule on ablation: You can’t undue a burn. #NephJC
Tue May 27 18:34:49 PDT 2014

eajkd
@LangoteAmit agreed completely #nephjc
Tue May 27 18:35:07 PDT 2014

paulphel
RT @drjohnm @paulphel Notching arteries does not sound healthful to me. Remember EP rule on ablation: You can’t undue a burn. #NephJC
Tue May 27 18:35:12 PDT 2014

hswapnil
Aside/snark. Uncontrolled 'trial' is an oxymoron. #nephjc
Tue May 27 18:35:29 PDT 2014

hswapnil
RT @eAJKD: vascular lesions (including notching) of simplicity catheter http://t.co/LVcL22W97a #nephjc @paulphel read this
Tue May 27 18:36:24 PDT 2014

nephjc
RT @hswapnil: Aside/snark. Uncontrolled 'trial' is an oxymoron. #nephjc
Tue May 27 18:36:30 PDT 2014

kidney_boy
@hswapnil more snark #NephJC
Tue May 27 18:36:40 PDT 2014
Radio frequency renal artery sympathetic nerve ablation is being done in Europe and other places. Should it stop? #nephjc

@drjohnm @mgkatz036 any experience with RDN in heart failure #nephjc

@paulphel on that note: S3 had slightly more AA/black population. Could that have played a role? S1 and S2 were lily white #nephjc

Post #NephJC, I suggest @ShelleyWood2 piece - RDN Euro’s do not care, they r all bout burning kidneys. http://t.co/1Rq3AyRI2 #shocking

RT @drjohnm: Post #NephJC, I suggest @ShelleyWood2 piece - RDN Euro’s do not care, they r all bout burning kidneys. http://t.co/1Rq3AyRI2 ...

RT @hswapnil: @paulphel on that note: S3 had slightly more AA/black population. Could that have played a role? S1 and S2 were lily white #n...

RT @drjohnm: Post #NephJC, I suggest @ShelleyWood2 piece - RDN Euro’s do not care, they r all bout burning kidneys. http://t.co/1Rq3AyRI2 ...

@eAJKD @mgkatz036 Not prim, but see, that’s what I am thinking. Study pure hyper-adrenergic states, CHF, Inappropriate ST, some AF. #NephJC

@hswapnil Did S12 and S2 Table 1s differentiate between lily white and alabaster white? #NephJC

Topic 2: What other factors besides the sham procedure could account for the results? #NephJC

@eAJKD nice Ref, Matt, thanks. They suggest using antipltls post RDN. I would have expected more renal artery stenosis than the 1-2 #nephjc

@hswapnil think the AA % may have been a factor. None (practically) in S1&2. #nephjc

@hswapnil i guess they "really want to ablate until you thrombose the vessel" #nephjc

Wont AA be most benefitted with this procedure as they have more resistant HTN?
@LangoteAmit only can benefit if it works, #WhichItDoesNot #NephJC

T2: higher spironolactone use? Better adherence? Different populations? Or back to technique?? #nephjc

other factors that could account for the results: Hawthorne Effect. From Wikipedia: http://t.co/AEVu5sqSem #NephJC

AA more likely not to respond in subgroups MT @LangoteAmit "Wont AA be most to benefit with this procedure?" #nephjc

+1 RT @kidney_boy: other factors that could account for the results: Hawthorne Effect. From Wikipedia: http://t.co/60Fly7ilbQ #NephJC

? there might be a time in which we need some sympathetic tone to the kidney e.g. dehydration, volume depletion #nephjc

More direct vasoldilators in sham group 45% to intervention group 36% ? #nephjc

could neural regeneration account for the lack of effect in the treatment arm? #nephjc http://t.co/ZhZzEM3QWf

RT @eAJKD: ? there might be a time in which we need some sympathetic tone to the kidney e.g. dehydration, volume depletion #nephjc

@Kidney_dude the authors mention that at no time was there a significant difference between the two groups #nephjc

now on ACEi or ARB and add in some denervation and voilà AKI #nephjc

RT @eAJKD: now on ACEi or ARB and add in some denervation and voilà AKI #nephjc

@Kidney_dude you find the coolest old references from the corners of the internet! #nephjc
RT @Kidney_dude: could neural regeneration account for the lack of effect in the treatment arm? #nephjc http://t.co/ZhZzEM3QWf
Tue May 27 18:45:55 PDT 2014

nephjc

Topic 3: What now? Do we throw away the concept of renal denervation? If not how would you design the next trial? #NephJC
Tue May 27 18:46:00 PDT 2014

eajkd

RT @drjohnm: @eAJKD @mgkatz036 Not prim, but see, that’s what I am thinking. Study pure hyper-adrenergic states, CHF, Inappropriate ST, som…
Tue May 27 18:46:24 PDT 2014

hswapnil

T3: should there be a trial at all! If it does not work? #nephjc
Tue May 27 18:46:58 PDT 2014

kidney_boy

I think you would have a hard time convincing an IRB there was equipoise for resistant hypertension #NephJC
Tue May 27 18:47:46 PDT 2014

eajkd

T3 biggest problem will be in investing in this again. i hope heart failure trials are sham and blinded #pleasedothisright #nephjc
Tue May 27 18:47:57 PDT 2014

langoteamit

@hswapnil . Nephrectomy known to resolve HTN . Are we really sure it does not work? #nephjc
Tue May 27 18:48:02 PDT 2014

drjohnm

RT @NephJC: Topic 3: What now? < One topic for next trial is issue of Race. German expert in THO piece made that point. Pt popul #NephJC
Tue May 27 18:48:05 PDT 2014

kidney_boy

but perhaps for people with less severe hypertension? Maybe resistant hypertension is like metastatic cancer, not much you can do? #NephJC
Tue May 27 18:48:29 PDT 2014

hswapnil

Medtronic stopped S4 . But this is enrolling patients: http://t.co/R1VXPXXm7z #nephjc
Tue May 27 18:48:33 PDT 2014

nephjc

RT @eAJKD: T3 biggest problem will be in investing in this again. i hope heart failure trials are sham and blinded #pleasedothisright #nephjc
Tue May 27 18:48:59 PDT 2014

hswapnil

RT @kidney_boy: I think you would have a hard time convincing an IRB there was equipoise for resistant hypertension #NephJC
Tue May 27 18:49:03 PDT 2014

paulphel

T3 difficult to criticise this RCT, top marks from me.Lingering doubt though is non adherence. Not sure how it could be teased out #nephjc
Tue May 27 18:49:20 PDT 2014
RT @eAJKD: T3 biggest problem will be in investing in this again. i hope heart failure trials are sham and blinded #pleasedothisright #neph...
Tue May 27 18:49:24 PDT 2014

Should St Jude Medical EnligHTN 4 study be restarted ?? It used muttielectrode renal denervation #nephjc
Tue May 27 18:49:29 PDT 2014

would not design any more “sexy” treatments. i firmly believe in Guyton’s philosophy regarding sodium and HTN #nephjc http://t.co/qoVrJfH6NZ
Tue May 27 18:49:35 PDT 2014

Issue of technical success / bio marker of ablation needed before next trial #nephjc
Tue May 27 18:49:56 PDT 2014

RT @Kidney_dude: would not design any more “sexy” treatments. i firmly believe in Guyton’s philosophy regarding sodium and HTN #nephjc http...
Tue May 27 18:50:14 PDT 2014

I would be interested in a well designed trial n modest hypertension and seeing if it affected hard outcomes. #ThingsWeWillNeverSee #NephJC
Tue May 27 18:50:16 PDT 2014

RT @Kidney_dude: would not design any more “sexy” treatments. i firmly believe in Guyton’s philosophy regarding sodium and HTN #nephjc http...
Tue May 27 18:50:28 PDT 2014

RT @hswapnil: Issue of technical success / bio marker of ablation needed before next trial #nephjc
Tue May 27 18:50:42 PDT 2014

@kidney_boy this JC always descends into our #DreamRCT wish list! #nephjc
Tue May 27 18:50:55 PDT 2014

On the the matter of RDN as a concept. I think THE issue is getting adeq technical ablation. EP docs know this is key. #NephJC
Tue May 27 18:51:08 PDT 2014

RT @hswapnil: Issue of technical success / bio marker of ablation needed before next trial #nephjc
Tue May 27 18:51:24 PDT 2014

@paulphel that begs the question, Where the hell is @UKidney #NephJC
Tue May 27 18:51:27 PDT 2014

Last question coming up: #nephjc
Tue May 27 18:51:51 PDT 2014

Industry sponsored trials can be filled w/ monkey business. Anything suspicious in this
Medtronic trial? #NephJC http://t.co/0cC4XEsfuN
Tue May 27 18:51:56 PDT 2014

hswapnil
@Kidney_dude Yes, as the recent Kaiser data showed, frequent visits, algorithmic
care can ++ improve BP control. Simple, not sexy #nephjc
Tue May 27 18:52:04 PDT 2014

paulphel
@drjohnm yes subgroups also showed the more zaps you got the more likely u were
to have a significant BP difference Vs sham right? #nephjc
Tue May 27 18:52:19 PDT 2014

nephjc
@hswapnil can we get a reference for that Kaiser data? #nephjc
Tue May 27 18:52:31 PDT 2014

nephjc
@paulphel where did you see that? Don't remember reading that, wasn't a subgroup
analysis. #nephjc
Tue May 27 18:53:15 PDT 2014

nephjc
RT @drjohnm: On the the matter of RDN as a concept. I think THE issue is getting
adeq technical ablation. EP docs know this is key. #NephJC
Tue May 27 18:53:47 PDT 2014

hswapnil
@NephJC http://t.co/5PCTbmDKo9 #nephjc
Tue May 27 18:53:49 PDT 2014

mlgumz
RT @NephJC: Topic 3: What now? Do we throw away the concept of renal
denervation? If not how would you design the next trial? #NephJC
Tue May 27 18:53:55 PDT 2014

mlgumz
RT @Kidney_dude: could neural regeneration account for the lack of effect in the
treatment arm? #nephjc http://t.co/ZhZzEM3QWF
Tue May 27 18:54:01 PDT 2014

koechkm
Latecomer due to time zone. Excellent discussion, I'll just listen #NephJC
Tue May 27 18:54:07 PDT 2014

paulphel
@NephJC I'll check that. May have been S2 #nephjc
Tue May 27 18:54:38 PDT 2014

drjohnm
@NephJC NO. Are you kidding, there's no monkey business in industry-sponsored
science. right, @charlesornstein #NephJC #multaq
Tue May 27 18:54:21 PDT 2014

mlgumz
RT @Kidney_dude: would not design any more “sexy” treatments. i firmly believe in
Guyton’s philosophy regarding sodium and HTN #nephjc http…
Tue May 27 18:54:24 PDT 2014

ukidney
@kidney_boy @paulphel I will not miss another #NephJC - the best example of
Nephro crowd-CME out there. Last two weeks have been packed.
Tue May 27 18:54:32 PDT 2014
nephjc
Welcome @KoehKM we would love to hear any opinions, don't be shy, God knows @Paulphelam wasn't #nephjc
Tue May 27 18:54:50 PDT 2014

eajkd
RT @UKidney: @kidney_boy @Paulphelam I will not miss another #NephJC - the best example of Nephro crowd-CME out there. Last two weeks have b…
Tue May 27 18:54:52 PDT 2014

hswapnil
@NephJC Better ref: http://t.co/Bgyzl8xTBn #nephjc
Tue May 27 18:54:58 PDT 2014

kidney_boy
I read the article and it looks like exemplary behavior by the sponsor. Hats off to Medtronic. #NephJC
Tue May 27 18:55:44 PDT 2014

eajkd
i think this trial was well done. would have liked to see some sort of effort to test efficacy of ablation (NE spillover, etc) #nephjc
Tue May 27 18:56:28 PDT 2014

hswapnil
RT @kidney_boy: I read the article and it looks like exemplary behavior by the sponsor. Hats off to Medtronic. #NephJC
Tue May 27 18:56:31 PDT 2014

kidney_boy
I get nervous when I push Publish or send on a Blog post, but they blew $100 million when they sent out that press release! #NephJC
Tue May 27 18:56:34 PDT 2014

charlesornstein
@NephJC Quite the medical journal disclosure! RT Anything suspicious in this Medtronic trial? #NephJC http://t.co/tMi6ZMJRog h/t @drjohnm
Tue May 27 18:56:35 PDT 2014

hswapnil
"@edgarvlermamd: @NephJC For OSA and arrhythmias http://t.co/Yk0L8aQQjC“ #NephJC
Tue May 27 18:56:49 PDT 2014

paulphel
@NephJC it seems to have been presented at European Association of Percutaneous Cardiovascular Interventions 2014 #nephjc
Tue May 27 18:56:52 PDT 2014

langoteamit
Sponsor had the right to review but not approve the final manuscript #nephjc
Tue May 27 18:56:57 PDT 2014

hswapnil
"@edgarvlermamd: @NephJC For Heart Failure http://t.co/Yk0L8aQQjC“ #NephJC
Tue May 27 18:57:09 PDT 2014

kidney_dude
@hswapnil i think that should be the take away from this study. An astoundingly large no of control pts had > 10mm HG drop in SBP #nephjc
Tue May 27 18:57:17 PDT 2014
"@edgarvlermamd: #NephJC quote Nephmadness "there may still be some potential role in conditions characterized by hyperactivity of the SNS"
Tue May 27 18:57:26 PDT 2014

nephjc

We are wrapping up. Final thoughts? #nephjc
Tue May 27 18:57:43 PDT 2014

hswapnil

RT @kidney_boy: I get nervous when I push Publish or send on a Blog post, but they blew $100 million when they sent out that press release!...
Tue May 27 18:58:03 PDT 2014

eajkd

@edgarvlermamd quote #Nephmadness "there may still be some potential role in conditions characterized by hyperactivity of the SNS" #nephjc
Tue May 27 18:58:26 PDT 2014

nephjc

RT @Kidney_dude: @hswapnil i think that should be the take away from this study. An astoundingly large no of control pts had > 10mm HG drop ...
Tue May 27 18:58:31 PDT 2014

langoteamit

FYI - another interesting device trial for HTN http://t.co/DJo0wy3rdJ #nephjc
Tue May 27 18:58:44 PDT 2014

all2tachy

RT @Kidney_dude: would not design any more “sexy” treatments. i firmly believe in Guyton’s philosophy regarding sodium and HTN #nephjc http...
Tue May 27 18:58:57 PDT 2014

kidney_boy

@LangoteAmit don't do it. I had a bad outcome with that device. Pretty scary to see what patients go through #NephJC
Tue May 27 18:59:27 PDT 2014

hswapnil

@Kidney_dude which is not unusual. Placebo effect in BP trial is usually ~5-10 mm. But in S2 controls had ZERO mm Hg drop. #nephjc
Tue May 27 18:59:28 PDT 2014

nephjc

RT @hswapnil: @Kidney_dude which is not unusual. Placebo effect in BP trial is usually ~5-10 mm. But in S2 controls had ZERO mm Hg drop. ...
Tue May 27 18:59:48 PDT 2014

langoteamit

RT @kidney_boy @LangoteAmit don't do it. I had a bad outcome with that device. Pretty scary to see what patients go through #NephJC #nephjc
Tue May 27 18:59:52 PDT 2014

hswapnil

I would like to call out this group: http://t.co/GHaV5s4PXz great and bold, predictions! #nephjc
Tue May 27 19:00:30 PDT 2014

eajkd

great chat everyone thanks to @kidney_boy @hswapnil for putting this together @NephJC #NephJC
Tue May 27 19:00:40 PDT 2014
RT @eAJKD: great chat everyone thanks to @kidney_boy @hswapnil for putting this together @NephJC #NephJC
Tue May 27 19:00:54 PDT 2014

nephjc
Thanks everyone for participating. Great journal club. Look for a summary later tonight! #nephjc
Tue May 27 19:01:02 PDT 2014

hswapnil
Thanks everyone for chiming in. Great discussion! #nephjc
Tue May 27 19:01:53 PDT 2014

koechkm
RT @eAJKD: great chat everyone thanks to @kidney_boy @hswapnil for putting this together @NephJC #NephJC
Tue May 27 19:02:33 PDT 2014

hswapnil
Analytics: getting better. #NephJC http://t.co/8N0JRMvSm
Tue May 27 19:02:49 PDT 2014

hswapnil
RT @UKidney: @kidney_boy @paulphel I will not miss another #NephJC - the best example of Nephro crowd-CME out there. Last two weeks have b…
Tue May 27 19:04:05 PDT 2014

kidney_boy
"@hswapnil: Analytics: getting better. #NephJC http://t.co/H3rQ2wNvAx" one more tweet from @drjohnm and he wins the impression race.
Tue May 27 19:04:09 PDT 2014

koechkm
Excellent discussion. Thanks for the effort @kidney_boy @hswapnil et al #NephJC
Tue May 27 19:04:24 PDT 2014

drjohnm
@kidney_boy @hswapnil Cardiologists are not bashful. Burn baby burn. #NephJC
Tue May 27 19:05:09 PDT 2014

kidney_boy
"@VeeraishChauhan: S3 was the largest trial. I'm gonna classify denervation under "the shit don't work" category of med remedies" #NephJC
Tue May 27 19:05:17 PDT 2014

langoteamit
Thanks @kidney_boy @hswapnil for managing this wonderful discussion #nephjc
Tue May 27 19:05:31 PDT 2014

hswapnil
"@SDimitri: @NephJC @hswapnil Patients Usually come to my office with under-dosed meds, and often times the wrong meds."#NephJC
Tue May 27 19:06:18 PDT 2014

hswapnil
@SDimitri @NephJC thanks for the comment remember to add #NephJC next time!
Tue May 27 19:06:40 PDT 2014

hswapnil
"@SDimitri: #NephJC Anecdotal experience in my North Philly practice predicts most patients with "resistant" HTare labeled as such 2 soon”
Tue May 27 19:07:15 PDT 2014
dalygal
RT @NephJC: Radio frequency renal artery sympathetic nerve ablation is being done in Europe and other places. Should it stop? #nephjc
Tue May 27 19:12:10 PDT 2014

nephjc
RT @charlesornstein: @NephJC Quite the medical journal disclosure! RT Anything suspicious in this Medtronic trial? #NephJC http://t.co/tMI6…
Tue May 27 19:13:06 PDT 2014

franloachamin
RT @kidney_boy: RT if you think renal denervation really works and something went wrong with S3. Favorite if you think the shit don't work…
Tue May 27 19:13:33 PDT 2014

hswapnil
@ChristosArgyrop hey where were you at today's #NephJC?
Tue May 27 19:23:06 PDT 2014

mgkatz036
http://t.co/OTmYv5Xvmh RT @kidney_boy: Busta Rhymes and Knight Rider= pure gold Joel Topf from Detroit, nephrology attending #NephJC
Tue May 27 19:29:11 PDT 2014