

#NephJC transcript

Healthcare Social Media Transcript

From: Tue Jun 10 17:30:00 PDT 2014

To: Tue Jun 10 19:30:00 PDT 2014

[change time period](#)

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

[Healthcare Conference](#) - [Healthcare Tweet Chats](#) - [Healthcare Analytics](#)

kidney_boy

Who's getting ready for **#NephJC**. 25 minutes.

Tue Jun 10 17:35:52 PDT 2014

nephjc

RT @**kidney_boy**: Who's getting ready for **#NephJC**. 25 minutes.

Tue Jun 10 17:56:13 PDT 2014

nephjc

And it's on - Let's Dive In! Welcome to **#NephJC** 4 on Hyponatremia

<http://t.co/jd0lP1sHup>

Tue Jun 10 18:00:19 PDT 2014

nephjc

Check out <http://t.co/oXkiC6mAP9> for background and summary **#NephJC**

Tue Jun 10 18:00:44 PDT 2014

nephjc

#NephJC 4 is on the The European Guidelines on Hyponatremia

<http://t.co/Wt4nxWkOaG>

Tue Jun 10 18:01:13 PDT 2014

nephjc

Please introduce yourself, tell us where you're from, what you do and if you have any disclosures. **#NephJC**

Tue Jun 10 18:01:48 PDT 2014

nephjc

I am Swapnil Hiremath, Nephrologist from Ottawa, the Cold Capital of Canada

#NephJC <http://t.co/4On2EiwXkO>

Tue Jun 10 18:02:20 PDT 2014

rx_ed

Let's do this! **#NephJC**

Tue Jun 10 18:03:07 PDT 2014

kidney_boyI am Joel Topf, Nephrologist from Detroit. [#NephJC](#)

Tue Jun 10 18:03:11 PDT 2014

nephjcWelcome Ed! thanks for joining us tonight [#nephjc](#)

Tue Jun 10 18:03:24 PDT 2014

nephjcJoel Topf, [@kidney_boy](#) has kindly handed over the keys of [#NephJC](#) to me for today's session Ahem, *me* = Swapnil Hiremath, aka [@hswapnil](#)

Tue Jun 10 18:03:30 PDT 2014

kidney_boyhey swapnil! [#nephjc](#)

Tue Jun 10 18:03:45 PDT 2014

rx_edEd El Sayed, Clinical Pharmacology - Internal Medicine Reporting from Portland, OR Glad to join [#NephJC](#) on my birthday!

Tue Jun 10 18:03:49 PDT 2014

nephjcHappy Birthday Ed! Honored you made it on your big day! [#nephjc](#)

Tue Jun 10 18:04:24 PDT 2014

kidney_boyHappy Happy! [#nephjc](#)

Tue Jun 10 18:04:38 PDT 2014

nephjcHey there Joel, thanks for giving the keys tonight [#nephjc](#)

Tue Jun 10 18:04:39 PDT 2014

nephjcRemember to add [#NephJC](#) to every tweet you want to be part of the discussion and part of the recorded journal club.

Tue Jun 10 18:04:46 PDT 2014

kidney_boy[@NephJC](#) my pleasure. look like a small crowd. [#nephjc](#)

Tue Jun 10 18:05:10 PDT 2014

nephjcyes Hyponatremia can be scary...hope more people are lurking and watching! [#nephjc](#)

Tue Jun 10 18:05:47 PDT 2014

weddellitemy problem: can't do this with less than 1000 characters [#nephjc](#)

Tue Jun 10 18:06:13 PDT 2014

kidney_boyRT [@weddellite](#): my problem: can't do this with less than 1000 characters [#nephjc](#)

Tue Jun 10 18:06:27 PDT 2014

nephjcWelcome to the chat David! Glad you could make it.. [#nephjc](#)

Tue Jun 10 18:06:37 PDT 2014

kidney_boy[@weddellite](#) that's a feature not a bug. Only way to shut-up some show offs. [#nephjc](#)

Tue Jun 10 18:06:51 PDT 2014

nephjc

#NephJC recommends using <http://t.co/fzuZV4dzpA> or TChat.io to follow the chat. See a how to guide here: <http://t.co/5jPXTxC497>

Tue Jun 10 18:06:53 PDT 2014

edgarvlermamd

Edgar Lerma, Chicago based Nephrologist #NephJC

Tue Jun 10 18:07:00 PDT 2014

kidney_boy

hey edgar! #nephjc

Tue Jun 10 18:07:08 PDT 2014

nephjc

thanks for making it Edgar! (and using #NephJC!) #nephjc

Tue Jun 10 18:07:21 PDT 2014

nephjc

While people are warming up - is 'Hyponatremia' the right term...shouldn't it be hyper-aqua-sis instead? ;-) #nephjc

Tue Jun 10 18:08:14 PDT 2014

nephjc

We will discuss three broad aspects of these guidelines over the next 50 minutes
#NephJC Plan 10 mins T1 15 mins T2 and 25 mins T3

Tue Jun 10 18:08:49 PDT 2014

nephjc

T1: Do we need guidelines for hyponatremia at all? i.e. Is there enough evidence to write recommendations on this issue? #NephJC

Tue Jun 10 18:09:06 PDT 2014

edgarvlermamd

I am here sporadically because of my 2 daughters who are just celebrating their last day of school #NephJC

Tue Jun 10 18:09:15 PDT 2014

kidney_boy

Though it is a water disorder the lab is the sodium concentration, call me a traditionalist but I'll never give up hyponatremia #nephjc

Tue Jun 10 18:10:00 PDT 2014

nephjc

RT @kidney_boy: Though it is a water disorder the lab is the sodium concentration, call me a traditionalist but I'll never give up hyponatr...

Tue Jun 10 18:10:16 PDT 2014

kidney_boy

@edgarvlermamd last days of school were my favorite days of my life. Most happy ever. #nephjc

Tue Jun 10 18:10:36 PDT 2014

weddellite

I like the aqua thing Swap---the challenge of teaching the subject is always telling salt from water #nephjc

Tue Jun 10 18:11:41 PDT 2014

rx_ed

SIADH is a very important case of hyponatremia. It is prudent to master the management of this disorder. #NephJC

Tue Jun 10 18:12:11 PDT 2014

edgarvlermamd

T1 For any hyponatremia fanatic, all the authors' names are "familiar" to recent hyponatremia literature [#NephJC](#)

Tue Jun 10 18:12:22 PDT 2014

kidney_boy

T1: I think there is a lot of variance in the treatment of hyponatremia and guidelines narrow variance. [#nephjc](#)

Tue Jun 10 18:12:24 PDT 2014

rx_ed

SIADH is a very important cause of hyponatremia. It is prudent to master the management of this disorder. [#NephJC](#)

Tue Jun 10 18:12:37 PDT 2014

nephjc

RT [@edgarvlermamd](#): T1 For any hyponatremia fanatic, all the authors' names are "familiar" to recent hyponatremia literature [#NephJC](#)

Tue Jun 10 18:12:51 PDT 2014

nephjc

RT [@weddellite](#): I like the aqua thing Swap---the challenge of teaching the subject is always telling salt from water [#nephjc](#)

Tue Jun 10 18:13:03 PDT 2014

kidney_boy

T1 unclear if we have the evidence to support comprehensive guidelines. If everything is 1D or 2D whats the point? [#nephjc](#)

Tue Jun 10 18:13:04 PDT 2014

rx_ed

T1 It's very important to recognize a& manage hospital induced hyponatremia in a timely fashion. [#NephJC](#)

Tue Jun 10 18:13:45 PDT 2014

weddellite

the point is "here's what the experts do", that's why there's debate. If the evidence didn't suck what would we talk about? [#nephjc](#)

Tue Jun 10 18:13:57 PDT 2014

kidney_boy

Hey Justin in order for people to see your tweets you need to use the hashtag, [#nephjc](#)

Tue Jun 10 18:14:27 PDT 2014

rx_ed

Risk of hospital induced hyponatremia by age. [#NephJC](#) <http://t.co/yd4FzSOqgm>

Tue Jun 10 18:14:35 PDT 2014

nephjc

RT [@Rx_Ed](#): Risk of hospital induced hyponatremia by age. [#NephJC](#) <http://t.co/yd4FzSOqgm>

Tue Jun 10 18:14:46 PDT 2014

nephjc

+1 [@weddellite](#): the point is "here's what the experts do", that's why the debate. If the evidence didn't suck what would we talk ? [#nephjc](#)

Tue Jun 10 18:15:48 PDT 2014

ukidney

Hi all, just getting my feet wet on tonight's [#NephJC](#)

Tue Jun 10 18:15:58 PDT 2014

- kidney_boy** additionally having guidelines gives people to test against for future research. Early CKD guidelines were all opinion based too. [#nephjc](#)
Tue Jun 10 18:16:03 PDT 2014
- nephjc** Welcome Jordan [@Ukidney!](#) [#nephjc](#)
Tue Jun 10 18:16:26 PDT 2014
- kidney_boy** Hey Jordan! [#nephjc](#)
Tue Jun 10 18:16:28 PDT 2014
- nephjc** RT [@kidney_boy](#): additionally having guidelines gives people to test against for future research. Early CKD guidelines were all opinion base...
Tue Jun 10 18:16:42 PDT 2014
- ukidney** Thanks all, great to be here [#NephJC](#)
Tue Jun 10 18:17:12 PDT 2014
- k2optimist** RT [@edgarvlermamd](#): Nice algorithmic summary of management of SEVERE SYMPTOMATIC Hyponatremia by [@kidney_boy](#) [#NephJC](#) [#Nephpearls](#) <http://t.co...>
Tue Jun 10 18:17:14 PDT 2014
- rx_ed** Effect of correcting sodium on gait. [#NephJC](#) <http://t.co/NEt04M41Z3>
Tue Jun 10 18:17:36 PDT 2014
- nephjc** So then, should these be standard of care, in the face of imperfect evidence? [#NephJC](#)
Tue Jun 10 18:17:49 PDT 2014
- kidney_boy** The authors say they did not intend for these to be standard of care. [#nephjc](#)
Tue Jun 10 18:18:17 PDT 2014
- weddellite** expert opinion: maybe [#nephjc](#)
Tue Jun 10 18:18:27 PDT 2014
- kidney_boy** Can 1D and 2D guidelines be accepted as standard of care? [#nephjc](#)
Tue Jun 10 18:18:47 PDT 2014
- edgarvlermamd** Evidence based guidelines trending There's even guidelines 4 mgmt of hyperkalemia from The Renal Association [#NephJC](#) <http://t.co/ktGergif38>
Tue Jun 10 18:19:11 PDT 2014
- rx_ed** There isn't enough data on using vaptans to manage SIADH when serum sodium is less than 120 mEq/mL. [#NephJC](#)
Tue Jun 10 18:19:37 PDT 2014
- nephjc** RT [@kidney_boy](#): Can 1D and 2D guidelines be accepted as standard of care? [#nephjc](#)
Tue Jun 10 18:19:46 PDT 2014

kidney_boy

RT "@weddellite: expert opinion: maybe" When experts know too much everything is a "maybe" and a "sometimes" or an "except when" #nephjc

Tue Jun 10 18:20:07 PDT 2014

nephjc

RT @kidney_boy: RT "@weddellite: expert opinion: maybe" When experts know too much everything is a "maybe" and a "sometimes" or an "except ...

Tue Jun 10 18:20:28 PDT 2014

drmcinnisdit

Better late than never. #NephJC

Tue Jun 10 18:20:47 PDT 2014

nephjc

@kidney_boy @weddellite - and will policy makers (or lawyers!) understand these nuances? #nephjc

Tue Jun 10 18:20:55 PDT 2014

nephjc

Hey Mike, Glad you could make it! #nephjc

Tue Jun 10 18:21:08 PDT 2014

weddellite

that's the right question...if no one but the experts get the nuances, then don't call it "standard of care" #nephjc

Tue Jun 10 18:21:25 PDT 2014

nephjc

RT @weddellite: that's the right question...if no one but the experts get the nuances, then don't call it "standard of care" #nephjc

Tue Jun 10 18:21:37 PDT 2014

kidney_boy

@DrMcInnisDIT glad you could make it! #nephjc

Tue Jun 10 18:21:37 PDT 2014

rx_ed

Recognizing the different types of SIADH to initiate optimum treatment. #NephJC
<http://t.co/4LWv25uduS>

Tue Jun 10 18:21:58 PDT 2014

ukidney

"The estimates are very uncertain and often will be far from the truth" Therefore Strong 'We recommend'? 1D seems like a paradox #nephjc

Tue Jun 10 18:22:24 PDT 2014

nephjc

lets go to the next topic now #nephjc

Tue Jun 10 18:22:24 PDT 2014

weddellite

if you write the Canadian hypertension guidelines or the stone guidelines and people misinterpret no one dies. different for hypoNa #nephjc

Tue Jun 10 18:22:26 PDT 2014

nephjc

T2: Fig 6 Diagnosis flowchart papers over the nuances of bayesean logic and uncertainty, do they belong here? #NephJC #nephjc

Tue Jun 10 18:22:38 PDT 2014

nephjc

RT @weddellite: if you write the Canadian hypertension guidelines or the stone

guidelines and people misinterpret no one dies. different fo...

Tue Jun 10 18:22:51 PDT 2014

kidney_boy

@weddelite we have guidelines for acute MI and that is a mortal disease #nephjc

Tue Jun 10 18:23:28 PDT 2014

weddelite

re diagnosis: they left out history and physical exam, esp. history #nephjc

Tue Jun 10 18:23:29 PDT 2014

weddelite

most cases of hypoNa you know IMMEDIATELY what it is....no UNa, no Uosm #nephjc

Tue Jun 10 18:23:53 PDT 2014

drmcinnisdit

RT @Rx_Ed: Recognizing the different types of SIADH to initiate optimum treatment. #NephJC <http://t.co/4LWv25uduS>

Tue Jun 10 18:24:02 PDT 2014

kidney_boy

They do include history by looking at the etiology of the hyponatremia as a clue to acuity. #nephjc

Tue Jun 10 18:24:09 PDT 2014

drmcinnisdit

@Rx_Ed That's a fascinating figure! #NephJC

Tue Jun 10 18:24:29 PDT 2014

nephjc

RT @weddelite: most cases of hypoNa you know IMMEDIATELY what it is....no UNa, no Uosm #nephjc

Tue Jun 10 18:24:46 PDT 2014

rx_ed

The reason for "1D" prevalence in the kidney guidelines is that we don't have enough RCT data. #NephJC

Tue Jun 10 18:24:51 PDT 2014

kidney_boy

#NephJC Table 8 <http://t.co/mbVSppx26j>

Tue Jun 10 18:25:09 PDT 2014

ukidney

There is an awful lot to chew on in this document #NephJC

Tue Jun 10 18:25:19 PDT 2014

nephjc

RT @kidney_boy: #NephJC Table 8 <http://t.co/mbVSppx26j>

Tue Jun 10 18:25:38 PDT 2014

edgarvlermamd

6.1.3. Hyponatremia based on symptoms ? Interesting No such thing as asymptomatic hyponatremia (by Decaux) #NephJC <http://t.co/QalyGg5tVK>

Tue Jun 10 18:25:55 PDT 2014

kidney_boy

+1 RT @weddelite: most cases of hypoNa you know IMMEDIATELY what it is....no UNa, no Uosm #nephjc

Tue Jun 10 18:25:58 PDT 2014

Fluid restriction in SIADH can be challenging for providers & patients, especially in

rx_ed

diseases requiring fluids (ex: pneumonia). #NephJC

Tue Jun 10 18:26:27 PDT 2014

nephjc

RT @edgarvlermamd: 6.1.3. Hyponatremia based on symptoms ? Interesting No such thing as asymptomatic hyponatremia (by Decaux) #NephJC ht...

Tue Jun 10 18:26:28 PDT 2014

drmcinnisdit

RT @weddelite: most cases of hypoNa you know IMMEDIATELY what it is....no UNa, no Uosm #nephjc

Tue Jun 10 18:26:32 PDT 2014

kidney_boy

@Rx_Ed between 20 and 30% of admissions complicated by hyponatremia, this is not a rare disease we should have tons of data. #nephjc

Tue Jun 10 18:26:44 PDT 2014

drmcinnisdit

@weddelite Very true. #NephJC

Tue Jun 10 18:26:55 PDT 2014

drmcinnisdit

RT @kidney_boy: @Rx_Ed between 20 and 30% of admissions complicated by hyponatremia, this is not a rare disease we should have tons of data...

Tue Jun 10 18:27:35 PDT 2014

kidney_boyRT "@edgarvlermamd: No such thing as asymptomatic hyponatremia #NephJC <http://t.co/2STUzzpysu>" That doesn't match my experience. #nephjc

Tue Jun 10 18:27:36 PDT 2014

rx_ed

@kidney_boy Key word "should". I agree! #NephJC

Tue Jun 10 18:27:59 PDT 2014

kidney_boy

+1 RT @UKidney: There is an awful lot to chew on in this document #NephJC

Tue Jun 10 18:28:30 PDT 2014

nephjc

@kidney_boy Depends on what you mean by 'symptoms': headache, nausea and many other soft symptoms are not hard to find #nephjc

Tue Jun 10 18:28:57 PDT 2014

edgarvlermamd@Rx_Ed From the Hyponatremia Guidelines 2013 published in AJM: When Fluid restriction will not work #NephJC <http://t.co/#6cJnSqUBK>

Tue Jun 10 18:28:57 PDT 2014

weddelite

Edgar, that's amazing data. I'm always impressed though @kidney_boy's experience is similar to mine #nephjc

Tue Jun 10 18:29:01 PDT 2014

weddelite

but our anecdotal experience may not have any importance #nephjc

Tue Jun 10 18:29:36 PDT 2014

kidney_boy

If a patient can't feel anything wrong isn't that the definition of asymptomatic? They are changing definitions to make a point #nephjc

Tue Jun 10 18:29:40 PDT 2014

rx_ed

@kidney_boy Is there enough data on using vaptans to manage SIADH when serum sodium is less than 120 mEq/mL? #NephJC

Tue Jun 10 18:29:41 PDT 2014

nephjc

@weddellite many anecdotes = 'anecdata'! #nephjc

Tue Jun 10 18:30:15 PDT 2014

weddellite

I accept that osteoporosis and fractures are symptoms #nephjc

Tue Jun 10 18:30:22 PDT 2014

rx_ed

RT @edgarvlernamd: @Rx_Ed From the Hyponatremia Guidelines 2013 published in AJM: When Fluid restriction will not work #NephJC <http://t.co/...>

Tue Jun 10 18:30:24 PDT 2014

kidney_boy

@Rx_Ed we will get to the vaptans in a later subject, stay with us. #nephjc

Tue Jun 10 18:30:34 PDT 2014

drmcinnisdit

RT @kidney_boy: If a patient can't feel anything wrong isn't that the definition of asymptomatic? They are changing definitions to make a p...

Tue Jun 10 18:30:44 PDT 2014

ukidney

Random #NephJC observation: 19 occurrences of Tolvaptan in these guidelines and only 2 for DDAVP?

Tue Jun 10 18:30:49 PDT 2014

drmcinnisdit

RT @NephJC: @weddellite many anecdotes = 'anecdata'! #nephjc

Tue Jun 10 18:30:50 PDT 2014

weddellite

when I'm hypoNa-emic I don't KNOW if I have sx or not #nephjc

Tue Jun 10 18:31:01 PDT 2014

ukidney

Anecdata! Please tell me you coined that tonight #nephjc

Tue Jun 10 18:31:22 PDT 2014

rx_ed

The link between pre-operative hyponatremia and mortality. #NephJC <http://t.co/IzTbGYAQEW>

Tue Jun 10 18:31:36 PDT 2014

nephjc

RT @Rx_Ed: The link between pre-operative hyponatremia and mortality. #NephJC <http://t.co/IzTbGYAQEW>

Tue Jun 10 18:32:00 PDT 2014

drmcinnisdit

RT @Rx_Ed: The link between pre-operative hyponatremia and mortality. #NephJC <http://t.co/IzTbGYAQEW>

Tue Jun 10 18:32:25 PDT 2014

kidney_boy

"RT @edgarvlermamd: From the Hyponatremia Guidelines: When Fluid restriction will not work #NephJC <http://t.co/MC3sanTxqm>" This is truth

Tue Jun 10 18:32:41 PDT 2014

nephjc

@Rx_Ed Seems awfully high - do our experience back up that high mortality? #nephjc

Tue Jun 10 18:32:44 PDT 2014

kidney_boy

@Rx_Ed came to the JC with Game. #nephjc

Tue Jun 10 18:33:02 PDT 2014

rx_ed

RT @kidney_boy: @Rx_Ed came to the JC with Game. #nephjc

Tue Jun 10 18:33:29 PDT 2014

weddellite

Ed: I think that's a symptom too: risk of death with surgery. but it might be true for AST, WBC or ESR too. #nephjc

Tue Jun 10 18:33:32 PDT 2014

edgarvlermamd

@weddelliteBone disease as a complication of hyponatremia #NephJC <http://t.co/8x4dXPVnmm> <http://t.co/B8yaEcKGae>

Tue Jun 10 18:33:43 PDT 2014

nephjc

Indeed! and on his birthday too! @kidney_boy: @Rx_Ed came to the JC with Game. #nephjc

Tue Jun 10 18:33:45 PDT 2014

rx_ed

RT @NephJC: Indeed! and on his birthday too! @kidney_boy: @Rx_Ed came to the JC with Game. #nephjc

Tue Jun 10 18:34:07 PDT 2014

drmcinnisdit

.@Rx_Ed Is that causative, or is hypoNa an indicator of general medical decrepitude? #NephJC

Tue Jun 10 18:34:08 PDT 2014

kidney_boy

The problems with all the links to hyponatremia is association not causation. Show me that correcting the Na helps the pt. #nephjc

Tue Jun 10 18:34:15 PDT 2014

kidney_boy

+1 RT @DrMcInnisDIT: .@Rx_Ed Is that causative, or is hypoNa an indicator of general medical decrepitude? #NephJC

Tue Jun 10 18:34:24 PDT 2014

nephjc

so on that note, lets move on to the even more contentious issues #nephjc

Tue Jun 10 18:34:41 PDT 2014

kidney_boy

RT @weddellite: Ed: I think that's a symptom too: risk of death with surgery. but it might be true for AST, WBC or ESR too. #nephjc

Tue Jun 10 18:34:44 PDT 2014

drmcinnisdit

RT @kidney_boy: The problems with all the links to hyponatremia is association not causation. Show me that correcting the Na helps the pt. ...

Tue Jun 10 18:34:49 PDT 2014

nephjc

RT @kidney_boy: +1 RT @DrMcInnisDIT: .@Rx_Ed Is that causative, or is hypoNa an indicator of general medical decrepitude? #NephJC

Tue Jun 10 18:35:05 PDT 2014

nephro_sparks

I'm here #NephJC

Tue Jun 10 18:35:09 PDT 2014

ukidney

Interesting that the 'Stern' approach to hyponatremia is not addressed here. Recall @kidney_boy 2010 <http://t.co/qRZsuNDScG> #NephJC

Tue Jun 10 18:35:18 PDT 2014

weddellite

@kidney_boy now you're talking. NO ONE has ever fixed Na and looked at how people did #nephjc

Tue Jun 10 18:35:41 PDT 2014

nephjc

T3: Therapy Treatment of severe symptomatic HypoNa: Do we agree with act first - ask later approach? #NephJC #nephjc

Tue Jun 10 18:35:48 PDT 2014

kidney_boy

@UKidney they talk about it in the last section but concluded that it was single center and too out there to make the guidelines. #nephjc

Tue Jun 10 18:36:03 PDT 2014

nephjc

hey Matt - great to have you rushing in from the Duke celebrations! #nephjc

Tue Jun 10 18:36:10 PDT 2014

weddellite

Matt, it's too late, we're done #nephjc

Tue Jun 10 18:36:35 PDT 2014

jdvanheuk

RT @edgarvlrmamd: @Rx_Ed From the Hyponatremia Guidelines 2013 published in AJM: When Fluid restriction will not work #NephJC <http://t.co/...>

Tue Jun 10 18:36:50 PDT 2014

nephro_sparks

Difficult to see @paulphel and @AndrewFMalone leave duke. At graduation. Sorry to miss #NephJC

Tue Jun 10 18:36:52 PDT 2014

kidney_boy

#NephJC stern experience <http://t.co/0irDjm0DBt>

Tue Jun 10 18:37:16 PDT 2014

kidney_boy

Rejection of stern experience #NephJC <http://t.co/XyZwCfeUW4>

Tue Jun 10 18:37:29 PDT 2014

nephjc

RT @Rx_Ed: Effect of correcting sodium on gait. #NephJC <http://t.co/NEt04M41Z3>

Tue Jun 10 18:37:51 PDT 2014

RT @kidney_boy: #NephJC stern experience <http://t.co/0irDjm0DBt>

nephjc

Tue Jun 10 18:38:31 PDT 2014

kidney_boy

@weddellite excet that study ed showed with the gait changes and the motion capture tracings. #nephjc

Tue Jun 10 18:38:32 PDT 2014

nephjc

RT @kidney_boy: Rejection of stern experience #NephJC <http://t.co/XyZwCfeUW4>

Tue Jun 10 18:38:43 PDT 2014

weddellite

yeah, that's pretty cool. how did they do that? captians? #nephjc

Tue Jun 10 18:38:51 PDT 2014

weddellite

vaptans? #nephjc

Tue Jun 10 18:38:55 PDT 2014

kidney_boy

@weddellite it is an old study, pre SALT, I'm sure it wasn't vaptans, guessing SIADH and water loaded them? #nephjc

Tue Jun 10 18:40:31 PDT 2014

k2optimist

RT @Rx_Ed: The link between pre-operative hyponatremia and mortality. #NephJC <http://t.co/lZTbGYAQEW>

Tue Jun 10 18:40:41 PDT 2014

drmcinnisdit

As a resident, 3% saline always made me nervous. Only used it when pts labs/sx made me MORE nervous. #NephJC

Tue Jun 10 18:40:47 PDT 2014

kidney_boy

BTW best name for a hyponatremia RCT ever, SALT. Let's give it up for Shrier! #nephjc

Tue Jun 10 18:41:07 PDT 2014

nephjc

RT @kidney_boy: BTW best name for a hyponatremia RCT ever, SALT. Let's give it up for Schrier! #nephjc

Tue Jun 10 18:41:21 PDT 2014

weddellite

WATER was already done? #nephjc

Tue Jun 10 18:41:49 PDT 2014

nephjc

@DrMcInnisDIT Indeed - is that why they wrote the guidelines - to encourage early use of hypertonic saline in symptomatic cases? #nephjc

Tue Jun 10 18:41:57 PDT 2014

nephjc

RT @DrMcInnisDIT: As a resident, 3% saline always made me nervous. Only used it when pts labs/sx made me MORE nervous. #NephJC

Tue Jun 10 18:42:06 PDT 2014

rx_ed

Exercise associated hyponatremia is also an under-recognized condition in healthy persons. #NephJC <http://t.co/XqCR9M2iGQ>

Tue Jun 10 18:42:12 PDT 2014

drmcinnisdit

“@c_diazepine: @DrMcInnisDIT like severe hyponatremia in people with SIADH?”
#NephJC

Tue Jun 10 18:42:18 PDT 2014

weddellite

@kidney_boy your excellent summary at PBF seemed to think HTS was OVERdone
#nephjc

Tue Jun 10 18:42:26 PDT 2014

kidney_boy

T3 I agree in acute symptoms treat first and ask questions later. Channel your inner surgeon! #nephjc

Tue Jun 10 18:42:48 PDT 2014

nephjc

We are on T3: Therapy Treatment of severe symptomatic HypoNa: Do we agree with act first - ask later approach? #NephJC #nephjc #nephjc

Tue Jun 10 18:43:30 PDT 2014

kidney_boy

"MT @kidney_boy your summary at PBF seemed to think HTS was OVERdone" Yes but not here. In less symptomatic pts less appropriate #nephjc

Tue Jun 10 18:43:56 PDT 2014

drmcinnisdit

.@c_diazepine Pts ultra-altered with Na+ was <115 and not rising despite aggressive H2O restriction +/- demeclocycline. #NephJC

Tue Jun 10 18:44:24 PDT 2014

kidney_boy

Too many hyponatremic patients have cirrhosis or CHF and hypertonic saline could be troublesome in those cases #nephjc

Tue Jun 10 18:44:34 PDT 2014

drmcinnisdit

RT @NephJC: @DrMcInnisDIT Indeed - is that why they wrote the guidelines - to encourage early use of hypertonic saline in symptomatic cases...

Tue Jun 10 18:44:56 PDT 2014

nephjc

RT @kidney_boy: Too many hyponatremic patients have cirrhosis or CHF and hypertonic saline could be troublesome in those cases #nephjc

Tue Jun 10 18:45:11 PDT 2014

weddellite

@kidney_boy ok but too many people treated with NS because people think that if NS osm > plasma Na you're doing something useful #nephjc

Tue Jun 10 18:45:38 PDT 2014

nephjc

@kidney_boy Even 150 mL - in symptomatic? Yes, in Cirrhosis - symptoms from hepatic enceph or HypoNs is hard #nephjc

Tue Jun 10 18:45:56 PDT 2014

drmcinnisdit

.@NephJC Perhaps. But I was always terrified of miscalculating the rate and/or nursing error running it in too fast. #NephJC

Tue Jun 10 18:46:01 PDT 2014

kidney_boy

@DrMcInnisDIT @c_diazepine I'm a fan of 3%, gotta make sure it is not volume depletion cause you'll get in trouble in a hurry. #NephJC

Tue Jun 10 18:46:01 PDT 2014

weddellitereally I meant NS osm > plasma Osm [#nephjc](#)

Tue Jun 10 18:46:11 PDT 2014

kidney_boy[@DrMcInnisDIT](#) [@c_diazepine](#) But otherwise I find the incr in Na is more predictable than with vaptans which are kind of a crap shoot [#NephJC](#)

Tue Jun 10 18:46:43 PDT 2014

weddelliteNS is never appropriate unless ECFV is decreased [#nephjc](#)

Tue Jun 10 18:46:43 PDT 2014

toshiakimaRT [@kidney_boy](#): Too many hyponatremic patients have cirrhosis or CHF and hypertonic saline could be troublesome in those cases [#nephjc](#)

Tue Jun 10 18:46:45 PDT 2014

rx_edHyponatremia in the elderly patient with fragility fractures. [#NephJC](#)
<http://t.co/tkNTXvvTq9> <http://t.co/tl7s3YftUy>

Tue Jun 10 18:46:53 PDT 2014

nephjcRT [@weddellite](#): but too many people treated with NS because people think that if NS osm > plasma Osm you're doing something useful [#nephjc](#)

Tue Jun 10 18:46:55 PDT 2014

ukidney[@drmcinnisdit](#) It's funny, I'm more comfortable with 3% NS than other solutions. Lack of additional volume makes calculations easier [#NephJC](#)

Tue Jun 10 18:46:56 PDT 2014

drmcinnisditOur program was run by a nephrologist who loved hyponatremia, and he had us all scared to death of CPM. [#NephJC](#)

Tue Jun 10 18:47:00 PDT 2014

aureliacotta[@NephJC](#) sorry to interrupt, patient here, but does your website have any guidelines on hypokalemia? [#nephJC](#)

Tue Jun 10 18:47:07 PDT 2014

nephjc[@weddellite](#) fixed that for you! [#nephjc](#)

Tue Jun 10 18:47:12 PDT 2014

kidney_boy+1,000 RT [@weddellite](#): ok but too many pts treated with NS bc people think that if NS osm > plasma Na you're doing something useful [#nephjc](#)

Tue Jun 10 18:47:32 PDT 2014

nephjcRT [@UKidney](#): [@drmcinnisdit](#) It's funny, I'm more comfortable with 3% NS than other solutions. Lack of additional volume makes calculations e...

Tue Jun 10 18:48:00 PDT 2014

rx_edHypertonic Saline vs. Normal Saline in managing SIADH. [#NephJC](#)
<http://t.co/eexCUOx4Sr>

Tue Jun 10 18:48:17 PDT 2014

kidney_boy

@DrMcInnisDIT 14 million cases of hyponatremia a year, 54 cases of CPM ever reported in the literature. #nephjc

Tue Jun 10 18:49:07 PDT 2014

weddellite

@Rx_Ed love that! that's really good #nephjc

Tue Jun 10 18:49:12 PDT 2014

nephjc

RT @kidney_boy: @DrMcInnisDIT 14 million cases of hyponatremia a year, 54 cases of CPM ever reported in the literature. #nephjc

Tue Jun 10 18:49:16 PDT 2014

nephjc

RT @Rx_Ed: Hypertonic Saline vs. Normal Saline in managing SIADH. #NephJC <http://t.co/eeXCUOx4Sr>

Tue Jun 10 18:49:28 PDT 2014

drmcinnisdit

RT @kidney_boy: @DrMcInnisDIT 14 million cases of hyponatremia a year, 54 cases of CPM ever reported in the literature. #nephjc

Tue Jun 10 18:50:24 PDT 2014

nephjc

This is a nice measured approach though exec more the squeamish ones! #NephJC <http://t.co/2BmSACcRi8>

Tue Jun 10 18:50:49 PDT 2014

drmcinnisdit

.@kidney_boy I know that NOW, but as a PGY1, Dr Knochel had us running scared! #NephJC

Tue Jun 10 18:51:12 PDT 2014

nephjc

What about the recommendation AGAINST vaptans in chronic hyponatremia? #nephjc

Tue Jun 10 18:51:32 PDT 2014

drmcinnisdit

RT @NephJC: This is a nice measured approach though exec more the squeamish ones! #NephJC <http://t.co/2BmSACcRi8>

Tue Jun 10 18:51:45 PDT 2014

edgarvlermamd

@Rx_Ed @NephJC I have one word for NS given for SIADH --- D E S A L I N A T I O N #NephJC

Tue Jun 10 18:51:56 PDT 2014

kidney_boy

Vaptans got the shaft in these guidelines. #nephjc

Tue Jun 10 18:52:05 PDT 2014

nephjc

RT @kidney_boy: Vaptans got the shaft in these guidelines. #nephjc

Tue Jun 10 18:52:12 PDT 2014

weddellite

get over being squeamish! give the right stuff! Is Jim Knochel still alive? great guy #nephjc

Tue Jun 10 18:52:20 PDT 2014

drmcinnisdit

.@NephJC Best part of this: no calculations involved! Just run it in and recheck. (Talk about channelling your inner surgeon!) #NephJC

Tue Jun 10 18:52:42 PDT 2014

nephjc

RT @weddellite: get over being squeamish! give the right stuff! -> 3% saline #nephjc

Tue Jun 10 18:52:48 PDT 2014

kidney_boy

The quality of studies supporting vaptans so far outshines the data for fluid restriction and 3% that they aren't in the same galaxy #nephjc

Tue Jun 10 18:53:08 PDT 2014

nephjc

RT @DrMcInnisDIT: Best part : no calculations involved! Just run it in and recheck. (Talk about channelling your inner surgeon!) #nephjc

Tue Jun 10 18:53:21 PDT 2014

weddellite

how do i stop autocorrect turning vaptans to captains?!!! #nephjc

Tue Jun 10 18:53:38 PDT 2014

nephjc

Why were Vaptans given the shaft? Efficacious but possibly unsafe #nephjc

Tue Jun 10 18:53:59 PDT 2014

kidney_boy

@weddellite it would be easier to change the drug category to captains #nephjc

Tue Jun 10 18:54:20 PDT 2014

nephjc

@weddellite Just go ahead - we will read captains = vaptans for you #nephjc

Tue Jun 10 18:54:32 PDT 2014

drmcinnisdit

@weddellite Not sure if he's still alive. He retired in 2001... I was a new PGY-2. He was a trip though. #NephJC

Tue Jun 10 18:54:33 PDT 2014

kidney_boy

@NephJC I have seen rapid increases in sodium after single doses of tolvaptan and this was also seen in the studies #nephjc

Tue Jun 10 18:54:54 PDT 2014

weddellite

haha....captains got the shaft?! at \$150 a pill? gimme a break.... #nephjc

Tue Jun 10 18:54:55 PDT 2014

rx_ed

We should emphasize not to overlook hyponatremia due to cerebral salt wasting & adrenal insufficiency when teaching residents. #NephJC

Tue Jun 10 18:55:03 PDT 2014

nephjc

RT @kidney_boy: @NephJC I have seen rapid increases in sodium after single doses of tolvaptan and this was also seen in the studies #nephjc

Tue Jun 10 18:55:07 PDT 2014

nephjc

@kidney_boy Rapid rise in Na = a bit too good and effective? #nephjc

Tue Jun 10 18:55:29 PDT 2014

nephjc

RT @Rx_Ed: We should emphasize not to overlook hyponatremia due to cerebral salt wasting & adrenal insufficiency when teaching residents. #...

Tue Jun 10 18:55:37 PDT 2014

edgarvlermamd

T3 Lets face it VAPTANS are PHYSIOLOGICALLY SOUND/ EFFECTIVE Guidelines primarily expressed concern about Overcorrection w/ VAPTANS [#NephJC](#)

Tue Jun 10 18:55:40 PDT 2014

kidney_boy

They are \$\$\$ maybe endorsing them in the guidelines would have bankrupted Greece, where is [@ChristosArgyrop](#) ? [#nephjc](#)

Tue Jun 10 18:55:50 PDT 2014

drmcinnisdit

[@weddellite](#) He took morning report on 9/11. He kept us calm as the world seemed to stand still. Awesome. [#NephJC](#)

Tue Jun 10 18:55:51 PDT 2014

ukidney

Given the high cost of vaptans, guidelines just on their use would be an interesting read [#NephJC](#)

Tue Jun 10 18:55:52 PDT 2014

rx_ed

[@edgarvlermamd](#) [@kidney_boy](#) Vaptans \$\$\$\$\$\$ And need hospitalization. [#NephJC](#)

Tue Jun 10 18:55:54 PDT 2014

nephjc

RT [@edgarvlermamd](#): T3 Lets face it VAPTANS are PHYSIOLOGICALLY SOUND/ EFFECTIVE Guidelines primarily expressed concern about Overcorrection...

Tue Jun 10 18:56:11 PDT 2014

kidney_boy

+1 RT [@edgarvlermamd](#): T3 Lets face it VAPTANS are PHYSIOLOGICALLY SOUND/ EFFECTIVE [#nephjc](#)

Tue Jun 10 18:56:24 PDT 2014

nephjc

High cost - but short course, and if they help short length of stay, overall may be cost-effective?? [#nephjc](#)

Tue Jun 10 18:56:39 PDT 2014

zintsmastermd

RT [@kidney_boy](#): [@DrMcInnisDIT](#) 14 million cases of hyponatremia a year, 54 cases of CPM ever reported in the literature. [#nephjc](#)

Tue Jun 10 18:56:51 PDT 2014

weddellite

[@DrMcInnisDIT](#) that's a cool story about Jim K; loved his talks on rhabdo etc [#nephjc](#)

Tue Jun 10 18:56:57 PDT 2014

weddellite

ok but Captain Edgar: these are people with CHRONIC HYPONa...what's a short course? don't they ALL recur? [#nephjc](#)

Tue Jun 10 18:57:33 PDT 2014

arztyu

RT [@kidney_boy](#): Too many hyponatremic patients have cirrhosis or CHF and hypertonic saline could be troublesome in those cases [#nephjc](#)

Tue Jun 10 18:57:59 PDT 2014

nephjc

[@UKidney](#) High cost - major concern in PCKD, not as much in hyponatremia for short course perhaps? [#nephjc](#)

Tue Jun 10 18:58:02 PDT 2014

nephjc

RT @weddellite: ok but Captain Edgar: these are people with CHRONIC HYPONa...what's a short course? don't they ALL recur? #nephjc

Tue Jun 10 18:58:30 PDT 2014

rx_ed

It's hard to measure the effect of vaptans on mortality of SIADH; highest mortality in hyponatremia are in HF & cirrhosis patients. #NephJC

Tue Jun 10 18:58:41 PDT 2014

weddellite

@Rx_Ed and in young women having surgery #nephjc

Tue Jun 10 18:59:07 PDT 2014

nephjc

Last minute: We are wrapping up. Final thoughts? #nephjc

Tue Jun 10 18:59:17 PDT 2014

weddellite

woman in NYC died last month after hysteroscopy #nephjc

Tue Jun 10 18:59:23 PDT 2014

nephjc

RT @Rx_Ed: It's hard to measure the effect of vaptans on mortality of SIADH; highest mortality in hyponatremia are in HF & cirrhosis patien...

Tue Jun 10 18:59:37 PDT 2014

ukidney

#NephJC Cost in ADPK is not going to be the same as in hyponatremia in all likelihood

Tue Jun 10 18:59:40 PDT 2014

kidney_boy

I see vaptans used most in pain/nausea/post op SIADH that would likely be self limiting anyways, speeds discharge #nephjc

Tue Jun 10 18:59:54 PDT 2014

edgarvlrmamd

@NephJC @UKidney Word of Caution on VAPTANS and Liver Injury: TEMPO used MEGADOSES of VAPTANS #NephJC

Tue Jun 10 19:00:00 PDT 2014

nephjc

RT @edgarvlrmamd: @NephJC @UKidney Word of Caution on VAPTANS and Liver Injury: TEMPO used MEGADOSES of VAPTANS #NephJC

Tue Jun 10 19:00:13 PDT 2014

nephjc

RT @kidney_boy: I see vaptans used most in pain/nausea/post op SIADH that would likely be self limiting anyways, speeds discharge #nephjc

Tue Jun 10 19:00:26 PDT 2014

weddellite

@kidney_boy ok, I like that post op SIADH #nephjc

Tue Jun 10 19:00:29 PDT 2014

kidney_boy

It's like Federal Express: Tolvaptan when you absolutely, positively, need to get the patient discharged tomorrow. #nephjc

Tue Jun 10 19:00:37 PDT 2014

nephjc

RT @kidney_boy: It's like Federal Express: Tolvaptan when you absolutely, positively, need to get the patient discharged tomorrow. #nephjc

Tue Jun 10 19:00:52 PDT 2014

nephjc

@kidney_boy Though that's like treating a number, not the patient? #nephjc

Tue Jun 10 19:01:11 PDT 2014

kidney_boy

BRUTAL RT @weddelite: woman in NYC died last month after hysteroscopy #nephjc

Tue Jun 10 19:01:12 PDT 2014

weddelite

treated with HTS, worse worse worse died #nephjc

Tue Jun 10 19:01:32 PDT 2014

ukidney

@edgarvlrmamd @nephjc @nephjc #nephjc yes, and that's why there will be a pharmacovigilance program when tolvaptan released for ADPKD

Tue Jun 10 19:01:38 PDT 2014

kidney_boy

Yes, can't go home w/ Na<130 RT @NephJC: @kidney_boy Though that's like treating a number, not the patient? #nephjc

Tue Jun 10 19:01:44 PDT 2014

nephjc

its been a great conversation, but the hour is up! #nephjc

Tue Jun 10 19:01:59 PDT 2014

kidney_boy

we need outcomes data that correcting the sodium heals the bones, prevents the falls and helps the patient! #nephjc

Tue Jun 10 19:02:13 PDT 2014

weddelite

I had 2 Captain Lawrence (really) triple IPAs...have to go pee #nephjc

Tue Jun 10 19:02:27 PDT 2014

drmcinnisdit

RT @kidney_boy: It's like Federal Express: Tolvaptan when you absolutely, positively, need to get the patient discharged tomorrow. #nephjc

Tue Jun 10 19:02:31 PDT 2014

nephjc

RT @kidney_boy: we need outcomes data that correcting the sodium heals the bones, prevents the falls and helps the patient! #nephjc

Tue Jun 10 19:02:43 PDT 2014

kidney_boy

@weddelite sure that isn't Vaptan Lawrence! #nephjc

Tue Jun 10 19:02:51 PDT 2014

rx_ed

Must also engage psych more often in patients with psychogenic polydipsia - often there is another concurrent disease. @WendyDoranMD #NephJC

Tue Jun 10 19:03:02 PDT 2014

nephjc

Thanks everyone for participating. Great journal club. Look for a summary later tonight! #nephjc

Tue Jun 10 19:03:06 PDT 2014

kidney_boy

ADH fully suppressed RT @weddellite: I had 2 Captain Lawrence (really) triple IPAs...have to go pee #nephjc

Tue Jun 10 19:03:11 PDT 2014

nephjc

RT @Rx_Ed: Must also engage psych more often in patients with psychogenic polydipsia - often there is another concurrent disease. @WendyDor...

Tue Jun 10 19:03:16 PDT 2014

weddellite

Ed, how do I get a tracing of my gait? #nephjc

Tue Jun 10 19:03:53 PDT 2014

rx_ed@kidney_boy Hyponatremia and fragility fractures in the elderly. #NephJC <http://t.co/tkNTXvvTq9>

Tue Jun 10 19:03:58 PDT 2014

edgarvlermamdVAPTANS approved for use for 30 days only #NephJC <http://t.co/MMmoWt3vR1>

Tue Jun 10 19:04:44 PDT 2014

nephjc

thanks especially to @Rx_Ed who came with game on his birthday! #nephjc

Tue Jun 10 19:05:00 PDT 2014

ukidneyQuick #nephjc poll on tolvaptan: <http://t.co/nBukDIU39t>

Tue Jun 10 19:05:02 PDT 2014

kidney_boyRT @UKidney: Quick #nephjc poll on tolvaptan: <http://t.co/nBukDIU39t>

Tue Jun 10 19:05:12 PDT 2014

rx_ed

RT @NephJC: thanks especially to @Rx_Ed who came with game on his birthday! #nephjc

Tue Jun 10 19:05:17 PDT 2014

nephjc

and thanks to everyone else tonight for a great conversation! #nephjc

Tue Jun 10 19:05:22 PDT 2014

nephjcRT @UKidney: Quick #nephjc poll on tolvaptan: <http://t.co/nBukDIU39t>

Tue Jun 10 19:05:50 PDT 2014

edgarvlermamd@kidney_boy Have to avoid VAPTANS in Cirrhotics #NephJC <http://t.co/Dj2tFxsGJ>

Tue Jun 10 19:06:45 PDT 2014

nephjcRT @edgarvlermamd: @kidney_boy Have to avoid VAPTANS in Cirrhotics #NephJC <http://t.co/Dj2tFxsGJ>

Tue Jun 10 19:07:15 PDT 2014

wraycharles

RT @kidney_boy: @DrMcInnisDIT 14 million cases of hyponatremia a year, 54 cases of CPM ever reported in the literature. #nephjc

Tue Jun 10 19:07:16 PDT 2014

manzusk**@edgarvlermamd** , what do you usually do after 30days ? **#nephjc**

Tue Jun 10 19:08:00 PDT 2014

weddelliteEdgar I don't expect VAPT. to work in cirrhosis: proximal tubular reabsorption should limit effect of V2 antag **#nephjc**

Tue Jun 10 19:08:19 PDT 2014

kidney_boy**@edgarvlermamd** you know cirrhotics were studied in the pivotal trials of tolvaptan. they did not report AEs. I think the ban is BS **#nephjc**

Tue Jun 10 19:08:21 PDT 2014

weddellitebut I asked Verbalis this and he showed me papers where it did work; but I tried in 2 cases where conivaptan did NOTHING **#nephjc**

Tue Jun 10 19:08:56 PDT 2014

weddelliteban might be BS but low UNa suggests low distal delivery **#nephjc**

Tue Jun 10 19:09:33 PDT 2014

weddellitepart of hypoNa in these cases is related to impaired delivery to TALH, not just to high ADH **#nephjc**

Tue Jun 10 19:10:07 PDT 2014

nephjcSnap analytics for **#NephJC** <http://t.co/RR6VxygUKr>

Tue Jun 10 19:11:13 PDT 2014

rx_ed**@kidney_boy @edgarvlermamd** I'm more worried about the over correction of vaptans and their numerous drug interactions. **#NephJC**

Tue Jun 10 19:12:09 PDT 2014

kidney_boyRT **@weddellite**: part of hypoNa in these cases is related to impaired delivery to TALH, not just to high ADH **#nephjc**

Tue Jun 10 19:12:38 PDT 2014

nephjcRT **@weddellite**: part of hypoNa in these cases is related to impaired delivery to TALH, not just to high ADH **#nephjc**

Tue Jun 10 19:13:02 PDT 2014

nephjcRT **@weddellite**: ban might be BS but low UNa suggests low distal delivery **#nephjc**

Tue Jun 10 19:13:11 PDT 2014

mrspeicherRT **@NephJC**: **@weddellite** many anecdotes = 'anecdota'! **#nephjc**

Tue Jun 10 19:14:48 PDT 2014

rx_ed**@kidney_boy @edgarvlermamd** More worried about the over correction of hyponatremia with vaptans & their numerous drug interactions. **#NephJC**

Tue Jun 10 19:15:23 PDT 2014

edgarvlermamd**@kidney_boy** Post-TEMPO comment regarding change in use of VAPTANS in Cirrhotics from **@GKA_OLA** **#NephJC** <http://t.co/68FJMuCbUC>

Tue Jun 10 19:17:24 PDT 2014

rx_edThank you all for an exciting [#NephJC](#) session! Until next time!

Tue Jun 10 19:19:43 PDT 2014

nephjcRT [@edgarvlrmamd](#): [@kidney_boy](#) Post-TEMPO comment regarding change in use of VAPTANS in Cirrhotics from [@GKA_OLA](#) [#NephJC](#) <http://t.co/68FJMu...>

Tue Jun 10 19:19:44 PDT 2014

nephjcRT [@Rx_Ed](#): [@kidney_boy](#) [@edgarvlrmamd](#) More worried about the over correction of hyponatremia with vaptans & their numerous drug interaction...

Tue Jun 10 19:19:54 PDT 2014

hswapnilRT [@edgarvlrmamd](#): [@kidney_boy](#) Post-TEMPO comment regarding change in use of VAPTANS in Cirrhotics from [@GKA_OLA](#) [#NephJC](#) <http://t.co/68FJMu...>

Tue Jun 10 19:20:27 PDT 2014

hswapnilRT [@Rx_Ed](#): Thank you all for an exciting [#NephJC](#) session! Until next time!

Tue Jun 10 19:20:33 PDT 2014

nephjcRT [@Rx_Ed](#): Thank you all for an exciting [#NephJC](#) session! Until next time!

Tue Jun 10 19:20:41 PDT 2014

hswapnilRT [@NephJC](#): Snap analytics for [#NephJC](#) <http://t.co/RR6VxygUKr>

Tue Jun 10 19:21:13 PDT 2014

weddellite[@NephJC](#) what are "impressions"? [#nephjc](#)

Tue Jun 10 19:28:45 PDT 2014