

#NephJC transcript

Healthcare Social Media Transcript

From: Tue Dec 02 17:00:00 PST 2014
To: Tue Dec 02 21:00:00 PST 2014
change time period

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

Healthcare Conference - Healthcare Tweet Chats - Healthcare Analytics

nephjc

@NephroMostapha please bring your skeptical but to **#NephJC** in 37 minutes! Can't wait to spar with you on this!

Tue Dec 2 17:23:26 PST 2014

nephjc

To get ready for **#NephJC** check out the video about Trim-Sulfa and Sudden death: <http://t.co/L8Y5ZBcgOh>

Tue Dec 2 17:24:18 PST 2014

franloachamin

RT @NephJC: ... a better kayexalate (<http://t.co/QoY2Fx94DV>) #Potassium #NephJC

Tue Dec 2 17:52:41 PST 2014

franloachamin

RT @NephJC: 90 minutes until **#NephJC**. Please join us as we talk about death from Bactrim (<http://t.co/7TLDHzjKh9>) and...

Tue Dec 2 17:53:00 PST 2014

davidjuurlink

T minus 5 minutes to **#NephJC**, discussing our @bmj_latest study on trimethoprim and sudden death. <http://t.co/zhVrNByWP5>

Tue Dec 2 17:55:13 PST 2014

langoteamit

#nephjc

Tue Dec 2 17:55:59 PST 2014

kidney_md

RT @DavidJuurlink: T minus 5 minutes to **#NephJC**, discussing our @bmj_latest study on trimethoprim and sudden death. <http://t.co/zhVrNByWP5>

Tue Dec 2 17:56:19 PST 2014

andrewfmalone

Just watched the BMJ accompanying video, very nice feature! **#nephjc**

Tue Dec 2 17:56:20 PST 2014

nephro_sparks @AndrewFMalone link please #nephjc
Tue Dec 2 17:56:38 PST 2014

andrewfmalone oops, <http://t.co/7UrwukFv16> #nephjc
Tue Dec 2 17:57:20 PST 2014

itsmepanda1 RT @DavidJuurlink: T minus 5 minutes to #NephJC, discussing our @bmj_latest study on trimethoprim and sudden death. <http://t.co/zhVrNByWP5>
Tue Dec 2 17:59:45 PST 2014

nephjc Welcome to the 16th #NephJC the Potassium Special! Please introduce yourselves. I'm Joel Topf AKA @kidney_boy <http://t.co/ZfzX9uVbWt>
Tue Dec 2 18:01:09 PST 2014

hswapnil Swapnil Hiremath, nephrologist from @OttawaHospital and @uOttawaMed #NephJC cofounder. No Col <http://t.co/P6jQf5cGjE>
Tue Dec 2 18:01:31 PST 2014

dr_nikhilshah Nikhil Shah . Univ of Alberta, Edmonton. #nephjc
Tue Dec 2 18:01:31 PST 2014

kidneydietscrts RT @NephJC: Welcome to the 16th #NephJC the Potassium Special! Please introduce yourselves. I'm Joel Topf AKA @kidney_boy <http://t.co/Zfz...>
Tue Dec 2 18:01:46 PST 2014

langoteamit Amit Langote, Ottawa #nephjc
Tue Dec 2 18:01:46 PST 2014

kidney_boy Joel Topf, Detroit nephrologist. I'll mostly be tweeting as @NephJC but if I have something inappropriate I'll use this account. #NephJC
Tue Dec 2 18:01:50 PST 2014

kidney_md Paras Dedhia, Univ if Cincinnati, OH #nephjc
Tue Dec 2 18:01:54 PST 2014

nephjc Remember one of the core goals of #NephJC is to build a personal learning network, so make sure you hit the follow button early and often.
Tue Dec 2 18:01:54 PST 2014

nephro_sparks Matt Sparks, Nephrologist, Durham, NC- COI-none #NephJC <http://t.co/ByBUOLOTPf>
Tue Dec 2 18:02:00 PST 2014

marushla shubha ananthkrishnan, nephrologist, CA #nephjc
Tue Dec 2 18:02:07 PST 2014

brownpa79 Pierre Antoine Brown,also nephrologist from @OttawaHospital and @uOttawaMed #nephjc
Tue Dec 2 18:02:09 PST 2014

andrewmalone Andrew Malone, Renal Fellow, Wash U, St Louis [#nephjc](#)
Tue Dec 2 18:02:15 PST 2014

nephjc hello David, Swapnil, Nikhil, Amit, Joel, Paras, Shubam Matt, Pierre, Andrew! [#nephjc](#)
Tue Dec 2 18:02:32 PST 2014

hswapnil RT [@NephJC](#): Remember one of the core goals of [#NephJC](#) is to build a personal learning network, so make sure you hit the follow button early...
Tue Dec 2 18:02:36 PST 2014

nephjc What an amazing turn out [#nephjc](#)
Tue Dec 2 18:02:40 PST 2014

davidjuurlink David Juurlink - Internal Medicine / Drug Safety. Toronto [#NephJC](#) [@NephJC](#)
Tue Dec 2 18:02:42 PST 2014

hekmags Hector Madariaga, Nephrology fellow. SUNY Upstate [#nephjc](#)
Tue Dec 2 18:02:49 PST 2014

nephjc ho hector [#nephjc](#)
Tue Dec 2 18:02:57 PST 2014

nephondemand Tejas Desai, creator of Nephrology On-Demand Plus, & not a fan of the HARMONIZE trial <https://t.co/TBAnflsL51> [#nephjc](#)
Tue Dec 2 18:03:03 PST 2014

nephjc Any [#NephJC](#) where you don't pick up a few new people to follow is a [#Fail](#) <http://t.co/3pQQBZk36R>
Tue Dec 2 18:03:04 PST 2014

wbeaubien William Beaubien-Souligny, Nephrology Fellow at university of montreal [#nephjc](#)
Tue Dec 2 18:03:13 PST 2014

drraymondhsu Raymond Hsu nephrologist SF, CA [#nephjc](#)
Tue Dec 2 18:03:14 PST 2014

hswapnil An author is in the house! Welcome to [@DavidJuurlink](#): David Juurlink - Internal Medicine / Drug Safety. Toronto [#NephJC](#) [@NephJC](#)
Tue Dec 2 18:03:14 PST 2014

dr_nikhilshah CSN Fellows Network should be coming on too! [#nephjc](#)
Tue Dec 2 18:03:17 PST 2014

nephjc tedious Nice product placement/COI disclosure! [#nephjc](#)
Tue Dec 2 18:03:30 PST 2014

Edgar Lerma, Chicago based nephrologist Disclosure: HARMONIZE Co-author [#NephJC](#)

edgarvlermamd

Tue Dec 2 18:03:56 PST 2014

hswapnil

RT @NephJC: What an amazing turn out #nephjc

Tue Dec 2 18:04:07 PST 2014

nephjc

Hey Tejas Nice product placement/COI disclosure! #nephjc ;-)

Tue Dec 2 18:04:07 PST 2014

hswapnil

Another author! Welcome @edgarvlermamd: Edgar Lerma, Chicago based nephrologist Disclosure: HARMONIZE Co-author #NephJC #nephjc

Tue Dec 2 18:04:26 PST 2014

nephro_sparks

@Hekmags hey Hector... hope you are well #nephjc

Tue Dec 2 18:04:29 PST 2014

nephjc

William and Edgar thanks for coming! #nephjc

Tue Dec 2 18:04:46 PST 2014

nephro_sparks

@AndrewFMalone awesome!! Duke alum in the H--O-U-S--E #nephjc

Tue Dec 2 18:05:04 PST 2014

nephjc

I know everyone wants to discuss Harmonize so we are going to start with the Trim-Sulfa and Sudden Death <http://t.co/ve0YANTpFC> #NephJC

Tue Dec 2 18:05:27 PST 2014

dr_nikhilshah

RT @hswapnil: Another author! Welcome @edgarvlermamd: Edgar Lerma, Chicago based nephrologist Disclosure: HARMONIZE Co-author #NephJC #neph...

Tue Dec 2 18:05:40 PST 2014

andrewfmalone

Cheers! @Nephro_Sparks #nephjc

Tue Dec 2 18:05:43 PST 2014

nephjc

#nephJC The Trim Sulfa article is here: <http://t.co/7TLDHjzKh9> Anybody remember a patient who died after taking antibiotics #NephJC

Tue Dec 2 18:05:46 PST 2014

edgarvlermamd

HARMONIZE Co-author Bhupinder Singh @kidneysingh may be joining later #NephJC

Tue Dec 2 18:05:59 PST 2014

navtangri

@NephJC Out for drinks, but will provide intermittent commentary, Navdeep Tangri, U of Manitoba #nephjc

Tue Dec 2 18:06:19 PST 2014

mdaware

@kidney_boy @NephJC #NephJC I'll try to pop in a bit

Tue Dec 2 18:06:36 PST 2014

marushla

@NephJC #nephjc yes - but not after sepra. It was after a quinolone (long QT)

Tue Dec 2 18:06:46 PST 2014

wittykidney

@NephJC I am using this Twitter for the first time, it appears that at end of each statement I have to add #nephjc

Tue Dec 2 18:06:49 PST 2014

hswapnil

@NephJC Of course....but always blame the infection - not the antibiotic #nephjc

Tue Dec 2 18:06:49 PST 2014

kidney_boy

No deaths that I can remember but I still don't think I have prescribed trim sulfa 1,000 times #NephJC

Tue Dec 2 18:07:01 PST 2014

hswapnil

@wittykidney indeed! You got it, Welcome Mal! #nephjc

Tue Dec 2 18:07:31 PST 2014

nephromostapha

#nephJC Mostapha HabibAllah , nephrologist from marrakesh, morocco

Tue Dec 2 18:07:33 PST 2014

langoteamit

As a transplant fellow , i have always prescribed Septra #nephjc

Tue Dec 2 18:07:35 PST 2014

nephjc

@wittykidney that's how the game works! #nephjc

Tue Dec 2 18:07:37 PST 2014

nephro_sparks

i cannot recall specifically #nephjc

Tue Dec 2 18:07:40 PST 2014

dr_nikhilshah

No deaths attributable to antibiotics directly but complicates a seriously ill patients outlook. #nephjc

Tue Dec 2 18:07:40 PST 2014

nephjc

Welcome Mostapha #nephjc

Tue Dec 2 18:07:57 PST 2014

nephjc

Anyone have any memorable cases of hyperkalemia with trim-sulfa? #NephJC

Tue Dec 2 18:08:05 PST 2014

edgarvlermamd

@NephJC Drugs and hyperkalemia for the Boards #Nephpearls #NephJC
<http://t.co/FG8y4wSX7b>

Tue Dec 2 18:08:11 PST 2014

davidjuurlink

.@dr_nikhilshah There's the problem. Sudden death as outpatient not easily ascribed to ABx. #NephJC

Tue Dec 2 18:08:13 PST 2014

brownpa79

don't think so #nephjc

Tue Dec 2 18:08:14 PST 2014

nephjc RT @DavidJuurlink: .@dr_nikhilshah There's the problem. Sudden death as outpatient not easily ascribed to ABx. #NephJC
Tue Dec 2 18:08:30 PST 2014

hswapnil QFT: @DavidJuurlink: .@dr_nikhilshah There's the problem. Sudden death as outpatient not easily ascribed to ABx. #NephJC
Tue Dec 2 18:08:37 PST 2014

andrewfmalone @LangoteAmit Was just going to say, any evidence that bactrim in Txp pts increases K death? #nephjc
Tue Dec 2 18:08:39 PST 2014

mdaware RT @kidney_boy: No deaths that I can remember but I still don't think I have prescribed trim sulfa 1,000 times #NephJC
Tue Dec 2 18:08:41 PST 2014

kidney_boy Had a potassium of 6 and an anion gap of -1 once with bactrim! #nephjc
Tue Dec 2 18:08:52 PST 2014

nephro_sparks i moonlight in ER and see Trim Sulfa acting up a lot #nephjc
Tue Dec 2 18:08:55 PST 2014

dr_nikhilshah Classically remember Dr Jindal teaching me during very early during transplant fellowship about creatinine + hyperkalemia and Septra #nephjc
Tue Dec 2 18:08:56 PST 2014

hekmags @NephJC @Nephro_Sparks @Hekmags Not really. Although cause of death could be multifactorial and multiple antibiotics. #nephjc
Tue Dec 2 18:08:59 PST 2014

davidjuurlink @AndrewFMalone @LangoteAmit That was the hypothesis driving our study. It sprang from cases, as well as 3 previous studies 1/ #NephJC
Tue Dec 2 18:09:16 PST 2014

kidney_md Bactrim for a UTI ends in death - Kevin MD blog <http://t.co/QWD7J5gVY4> #nephjc
Tue Dec 2 18:09:18 PST 2014

langoteamit @AndrewFMalone Never had any serious issues with K #nephjc
Tue Dec 2 18:09:23 PST 2014

navtangri Can the authors tell us about the sens and spec of their claims based case def of scd #nephjc
Tue Dec 2 18:09:31 PST 2014

nephjc Average increase in K in patients receiving trim-sulfa is 0.36 mEq/L. 6% had a K > 5.4 mEq/L <http://t.co/iflcfmBpa8> #NephJC
Tue Dec 2 18:09:32 PST 2014

@kidney_md due to sulphha allergy (not hyperklaemia) #nephjc

kidney_md

Tue Dec 2 18:09:56 PST 2014

nephro_sparks

almost every transplant patient on trim sulfa for PCP prophylaxis [#nephjc](#)

Tue Dec 2 18:10:16 PST 2014

kidney_boy

RT [@NephJC](#): Average increase in K in patients receiving trim-sulfa is 0.36 mEq/L. 6% had a K > 5.4 mEq/L <http://t.co/iflcfmBpa8> [#NephJC](#)

Tue Dec 2 18:10:39 PST 2014

nephjc

Prev work by the same group: OR of 7 for hyperkalemia with RAAS inhibition and Trim-Sulfa compared to amox [#NephJC](#) <http://t.co/YkMBdaC0I9>

Tue Dec 2 18:10:50 PST 2014

swathipullela

Hello [#NephJC](#)

Tue Dec 2 18:11:12 PST 2014

andrewfmalone

[@Nephro_Sparks](#) Prob even harder to tease out cause in Txp pts [#nephjc](#)

Tue Dec 2 18:11:20 PST 2014

hekmags

I just saw a patient yesterday, started on Bactrim, was on ACEi and had K of 7.6 and creat of 1.6. He survived. [#nephjc](#)

Tue Dec 2 18:11:21 PST 2014

kidney_boy

["@DavidJuurlink: .@kidney_boy Here's a near-death experience w/ TMP as trigger. <http://t.co/mzCXVGyQqc>"](#) [#NephJC](#)

Tue Dec 2 18:11:25 PST 2014

kidney_boy

["@ArdenBarry: @DavidJuurlink @kidney_boy Stop me if you've heard this one, but your patient is already asystolic in V5"](#) [#NephJC](#)

Tue Dec 2 18:11:32 PST 2014

kidney_md

[@Nephro_Sparks](#) also CNI induced type 4 RTA + sulpha = hyperkalemia [#nephjc](#)

Tue Dec 2 18:11:35 PST 2014

mdaware

[@Nephro_Sparks](#) are they dropping like flies from hyperK? [#NephJC](#)

Tue Dec 2 18:11:40 PST 2014

dr_nikhilshah

the problem is sepra and RAAS is seldom administered together in Transplant patients especially early on. [#nephjc](#)

Tue Dec 2 18:11:43 PST 2014

hswapnil

[@SwathiPullela](#) welcome! [#nephjc](#)

Tue Dec 2 18:11:45 PST 2014

wittykidney

[@NephJC](#) this is a hypothesis generating study, basically. Doesn't prove association, but plausible mechanism [#nephjc](#)

Tue Dec 2 18:11:47 PST 2014

nephjc

Study population: • Ontario residents • Age >66 • on ARB/ACEi • btw 4/1/1994-1/1/2012
#NephJC

Tue Dec 2 18:12:00 PST 2014

nephjc

Things you learn in #NephJC Coroner exam counts as a physician taking care of a patient.
#TheMoreYouKnow <http://t.co/S7s04qtGvH>

Tue Dec 2 18:12:12 PST 2014

davidjuurlink

@NavTangri PPV 87% <http://t.co/pRSc8aydD2> #NephJC

Tue Dec 2 18:12:14 PST 2014

hswapnil

RT @DavidJuurlink: @NavTangri PPV 87% <http://t.co/pRSc8aydD2> #NephJC

Tue Dec 2 18:13:01 PST 2014

nephro_sparks

@MDaware well, not that I have noticed... just observation #nephjc

Tue Dec 2 18:13:11 PST 2014

dr_nikhilshah

RT @NephJC: Things you learn in #NephJC Coroner exam counts as a physician taking care of a patient. #TheMoreYouKnow <http://t.co/S7s04qtG...>

Tue Dec 2 18:13:46 PST 2014

nephjc

@wittykidney but this might be the best data we get on interaction. Rare drug-drug interactions not often studied systematically #nephjc

Tue Dec 2 18:13:49 PST 2014

eoinrenal

Eoin, renal fellow in Edinburgh. Happen to be in house doing general medical call tonight, so time zone be damned! #NephJC

Tue Dec 2 18:13:56 PST 2014

nephjc

primary analysis examined sudden death within 7 days of outpatient Rx for one of TrimSulfa, cipro, norfloxacin, nitrofurantoin, amox #NephJC

Tue Dec 2 18:14:13 PST 2014

nephjc

Controls had ACEi or ARB, matched risk for hyperK and an Rx for one of the abx but no death #NephJC

Tue Dec 2 18:14:43 PST 2014

hswapnil

@Eoinrenal awesome that you are here! #nephJC great write up BTW

Tue Dec 2 18:14:52 PST 2014

nephjc

QFT RT @hswapnil: @Eoinrenal awesome that you are here! #nephJC great write up BTW

Tue Dec 2 18:15:17 PST 2014

nephjc

They adjusted there analysis with disease risk index. Described as like a propensity score. #NephJC Here's the ref: <http://t.co/oYSO0P8FbQ>

Tue Dec 2 18:15:38 PST 2014

nephromostapha

@DavidJuurlink @hswapnil @NavTangri #NephJC reamrk : LQTS may be expected to occur in 1 in 10,000 individuals.

Tue Dec 2 18:15:49 PST 2014

nephjc

Results: • 17 year study • 1.6 million pts on ACEi/ARB • 39,879 died suddenly • 1,110 within 7 days of Abx #NephJC

Tue Dec 2 18:15:51 PST 2014

andrewfmalone

@DavidJuurlink did you have access to No. days each drug prescribed? might suggest seriousness of infection #nephjc

Tue Dec 2 18:16:21 PST 2014

nephro_sparks

we are missing @weddellite #nephjc

Tue Dec 2 18:16:24 PST 2014

kidney_boy

“@DavidJuurlink: @kidney_boy That patient’s K was 9.9. She went home 4 days later.” all in a days work #NephJC

Tue Dec 2 18:16:27 PST 2014

hekmags

@Eoinrenal Hey Eoin, good to hear from you! Hope you are having a quiet call! #nephjc

Tue Dec 2 18:16:29 PST 2014

nephjc

OR of death was 1.83 (1.5-2.24) with Trim Sulfa. Remained sig after Disease Risk Index adjustment 1.38 (1.09-1.76) #NephJC

Tue Dec 2 18:16:39 PST 2014

davidjuurlink

@AndrewFMalone Good Q. Not possible to determine. Patients often take 2 SS tabs BID (DS tabs are large) #NephJC

Tue Dec 2 18:17:00 PST 2014

andrewfmalone

@Eoinrenal Call not busy then?! #nephjc

Tue Dec 2 18:17:13 PST 2014

nephjc

Authors suspected with was due to hyperkalemia, due to data from other studies. Nothing from this study pointed that way #NephJC

Tue Dec 2 18:17:30 PST 2014

andrewfmalone

@DavidJuurlink Was it possible to know if they were on drug at day 7 or not? #nephjc

Tue Dec 2 18:18:07 PST 2014

davidjuurlink

@AndrewFMalone The big issue here: Do our findings reflect cause-effect? Whenever you impute causality, you make a judgment. #NephJC

Tue Dec 2 18:18:07 PST 2014

nephjc

The Charlson scores are worse for the cases than controls. More renal disease, more heart failure. #NephJC <http://t.co/deeZzNvVwD>

Tue Dec 2 18:18:34 PST 2014

hausmannmd

@NephJC Hi #NephJC I'm a rheumatology fellow in Boston. We're thinking about starting a #rheumJC, wanted learn from your success!

Tue Dec 2 18:18:36 PST 2014

RT @DavidJuurlink: @AndrewFMalone The big issue here: Do our findings reflect cause-

hswapnil

effect? Whenever you impute causality, you make a judgm...

Tue Dec 2 18:18:45 PST 2014

hekmags

@dr_nikhilshah I don't typically see Bactrim + ACEi combination as usually ACEis are held in the first months post-transplant. #nephjc

Tue Dec 2 18:18:50 PST 2014

davidjuurlink

@AndrewFMalone No. We can determine if Rx was dispensed, not whether it was taken. But that is true of all Abx we studied. #NephJC

Tue Dec 2 18:18:55 PST 2014

kidney_boy

could the charlson scores be the real culprit here? #nephjc

Tue Dec 2 18:18:58 PST 2014

signindoc

RT @DavidJuurlink: @AndrewFMalone The big issue here: Do our findings reflect cause-effect? Whenever you impute causality, you make a judgm...

Tue Dec 2 18:19:11 PST 2014

langoteamit

cases had more renal ds 8.2 vs 3.6 , also more K sparing diuretics (11 vs 7.2) #nephjc

Tue Dec 2 18:19:18 PST 2014

kidney_md

RT @DavidJuurlink: @AndrewFMalone The big issue here: Do our findings reflect cause-effect? Whenever you impute causality, you make a judgm...

Tue Dec 2 18:19:36 PST 2014

davidjuurlink

@LangoteAmit Cases are always - ALWAYS - sicker than controls in a case-control study. That's why they are cases. #NephJC

Tue Dec 2 18:19:51 PST 2014

nephjc

@LangoteAmit but also more lasix (probably due to higher rate of CHF) #nephjc

Tue Dec 2 18:19:54 PST 2014

hswapnil

@signindoc just lurking? Plz Join in Ross! #NephJC

Tue Dec 2 18:19:55 PST 2014

brownpa79

RT @kidney_boy: could the charlson scores be the real culprit here? certainly influences how one interprets the results #nephjc

Tue Dec 2 18:19:57 PST 2014

nephjc

RT @DavidJuurlink: @LangoteAmit Cases are always - ALWAYS - sicker than controls in a case-control study. That's why they are cases. #NephJC

Tue Dec 2 18:20:02 PST 2014

nephjc

The core results #NephJC <http://t.co/AqOI5pENIV>

Tue Dec 2 18:20:33 PST 2014

kidney_boy

I am going to put patients on Nitrofurantoin to negate Bactrim's excess risk. #SmartMedicine #EBMbullshit #NephJC <http://t.co/k2TOF06TjV>

Tue Dec 2 18:20:42 PST 2014

langoteamit @DavidJuurlink agreed , but given that increased K presumed culprit , could these muddy the water ? #nephjc
Tue Dec 2 18:20:44 PST 2014

drraymondhsu i thought renal disease was matched for cases and controls #nephjc
Tue Dec 2 18:21:06 PST 2014

hekmags RT @kidney_boy: I am going to put patients on Nitrofurantoin to negate Bactrim's excess risk. #SmartMedicine #EBMbullshit #NephJC [http://...](#)
Tue Dec 2 18:21:17 PST 2014

matthewherper RT @DavidJuurlink: T minus 5 minutes to #NephJC, discussing our @bmj_latest study on trimethoprim and sudden death. <http://t.co/zhVrNByWP5>
Tue Dec 2 18:21:45 PST 2014

nephjc @DrRaymondHsu would've liked to see GFRs, one Doctor's renal disease dx is another Doctor's modestly elevated cr. #nephjc
Tue Dec 2 18:22:09 PST 2014

nephjc The discussion says this risk translates to 3 sudden deaths per 1,000 prescriptions. #terrifying #NephJC
Tue Dec 2 18:22:20 PST 2014

dr_nikhilshah Any data on NSAIDs? #nephjc
Tue Dec 2 18:22:39 PST 2014

davidjuurlink @kidney_boy Don't see how. We know hyperK can kill, and that risk of hyperK far greater with TMP than any other Abx studied. #NephJC
Tue Dec 2 18:22:40 PST 2014

hswapnil RT @kidney_boy: I am going to put patients on Nitrofurantoin to negate Bactrim's excess risk. #SmartMedicine #EBMbullshit #NephJC [http://...](#)
Tue Dec 2 18:22:53 PST 2014

nephjc Not much description of where the 3 in 1,000 came from, care to elaborate Dave? #NephJC #nephjc
Tue Dec 2 18:23:01 PST 2014

drraymondhsu @NephJC @DrRaymondHsu yeah just wondering if the matching criterion for renal dz is the same as listed in table1 (i guess not) #nephjc
Tue Dec 2 18:23:01 PST 2014

brownpa79 RT @NephJC: The discussion says this risk translates to 3 sudden deaths per 1,000 prescriptions. #terrifying #NephJC
Tue Dec 2 18:23:36 PST 2014

hswapnil RT @DavidJuurlink: @kidney_boy Don't see how. We know hyperK can kill, and that risk of hyperK far greater with TMP than any other Abx stud...
Tue Dec 2 18:23:45 PST 2014

kidney_boy “@Eoinrenal: @NephJC. Was this disease risk only for heart failure?” #NephJC
Tue Dec 2 18:23:54 PST 2014

wittykidney @kidney_boy likely as there is confounding by indication #nephjc
Tue Dec 2 18:23:55 PST 2014

davidjuurlink @kidney_boy Risk of SCD w/ Septra > Cipro, even though latter 1) prolongs QTc, and 2) generally used for more serious infections. #NephJC
Tue Dec 2 18:24:20 PST 2014

urologymatch Important for uro's to know “@NephJC: #nephJC Trim Sulfa article is here: <http://t.co/HScEXabVIO> #NephJC”
Tue Dec 2 18:24:24 PST 2014

wendy_angelo RT @DavidJuurlink: T minus 5 minutes to #NephJC, discussing our @bmj_latest study on trimethoprim and sudden death. <http://t.co/zhVrNByWP5>
Tue Dec 2 18:24:31 PST 2014

nephjc The editorial <http://t.co/4py6LNqmAk> is worth a read and points out how rare quality studies looking at drug-drug interactions. #NephJC
Tue Dec 2 18:24:46 PST 2014

urologymatch RT @NephJC: The discussion says this risk translates to 3 sudden deaths per 1,000 prescriptions. #terrifying #NephJC
Tue Dec 2 18:24:56 PST 2014

cnbelcher236 RT @kidney_boy: I am going to put patients on Nitrofurantoin to negate Bactrim's excess risk. #SmartMedicine #EBMbullshit #NephJC <http://...>
Tue Dec 2 18:25:03 PST 2014

edgarvlermamd @kidney_boy Other choices for UTI: TMP-SMX, nitrofurantoin, fosfomycin #Nephpearls #NephJC <http://t.co/7UyysUiGS2> <http://t.co/hXwwwqDEKhQ>
Tue Dec 2 18:25:21 PST 2014

nephro_sparks this study is eye opening and another key point is giving ABX for no clear indication #nephjc
Tue Dec 2 18:25:27 PST 2014

brownpa79 I'll certainly think twice about prescribing Septra if there are other alternatives! #nephjc
Tue Dec 2 18:25:30 PST 2014

nephjc We have just a few more minutes before we move on to HARMONIZE. Last thoughts. #nephjc
Tue Dec 2 18:25:31 PST 2014

drraymondhsu RT @Nephro_Sparks: this study is eye opening and another key point is giving ABX for no clear indication #nephjc
Tue Dec 2 18:26:02 PST 2014

nephjc QFT Baby! RT @brownpa79: I'll certainly think twice about prescribing Septra if there are other alternatives! #nephjc

Tue Dec 2 18:26:02 PST 2014

nephro_sparks

all have adverse events... if we gave nitrofur out like candy we would see much more bad stuff #nephjc

Tue Dec 2 18:26:02 PST 2014

wittykidney

@DavidJuurlink @hswapnil @kidney_boy Pentamidine has similar effect, though those patients may not be on RAAS inhibitors #NephJC

Tue Dec 2 18:26:09 PST 2014

psufka

Joining #NephJC a few minutes late. I'm a rheumatologist from St. Paul, MN.

Tue Dec 2 18:26:16 PST 2014

signindoc

RT @Nephro_Sparks: this study is eye opening and another key point is giving ABX for no clear indication #nephjc

Tue Dec 2 18:26:25 PST 2014

nephjc

Ho Paul! #nephjc

Tue Dec 2 18:26:25 PST 2014

hekmags

Antikaliuretic action of trimethoprim, minimized by raising urine pH, for those that are faithful to Bactrim) <http://t.co/RfcJFE9S6k> #nephjc

Tue Dec 2 18:26:26 PST 2014

edgarvlermamd

@brownpa79 Other choices for UTI: TMP-SMX, nitrofurantoin, fosfomycin #Nephpearls #NephJC <http://t.co/7UycsUiGS2> <http://t.co/hXwwwqDEKhQ>

Tue Dec 2 18:26:29 PST 2014

langoteamit

causality not established , need to be careful with TMP-SMX and other K incr drugs #nephjc

Tue Dec 2 18:26:39 PST 2014

nephro_sparks

RT @LangoteAmit: causality not established , need to be careful with TMP-SMX and other K incr drugs #nephjc

Tue Dec 2 18:26:56 PST 2014

dr_nikhilshah

Limit Septra in "elderly" patients especially with comorbidities. #nephjc

Tue Dec 2 18:27:01 PST 2014

brownpa79

unfortunately nitrofurantoin sucks in CKD #nephjc

Tue Dec 2 18:27:22 PST 2014

hausmannmd

@psufka too many rheumatologists in this #NephJC

Tue Dec 2 18:27:23 PST 2014

davidjuurlink

@NephJC We've been doing DDI studies like this since 2003. They're very easy to do badly. (As I have more than once done...) #NephJC

Tue Dec 2 18:27:33 PST 2014

if on ACEi or ARB, NSAID, modest elevate creat... think twice before TMP-SMX #nephjc

nephro_sparks

Tue Dec 2 18:27:38 PST 2014

hswapnil

@psufka Glad you could make it, Paul! #nephjc

Tue Dec 2 18:27:40 PST 2014

andrewfmalone

@Nephro_Sparks For the generalist, a 'positive' dipstick urinalysis does not always equate to Abx need!? #nephjc

Tue Dec 2 18:27:52 PST 2014

signindoc

RT @Nephro_Sparks: all have adverse events... if we gave nitrofur out like candy we would see much more bad stuff #nephjc

Tue Dec 2 18:27:55 PST 2014

brownpa79

RT @Nephro_Sparks: if on ACEi or ARB, NSAID, modest elevate creat... think twice before TMP-SMX #nephjc

Tue Dec 2 18:27:56 PST 2014

langoteamit

RT @Nephro_Sparks: if on ACEi or ARB, NSAID, modest elevate creat... think twice before TMP-SMX #nephjc

Tue Dec 2 18:28:03 PST 2014

edgarvlermamd

@LangoteAmit Drugs and hyperkalemia for the Boards #Nephpearls #NephJC
<http://t.co/FG8y4wSX7b>

Tue Dec 2 18:28:07 PST 2014

hekmags

RT @Nephro_Sparks: if on ACEi or ARB, NSAID, modest elevate creat... think twice before TMP-SMX #nephjc

Tue Dec 2 18:28:08 PST 2014

hswapnil

QFT -> @Nephro_Sparks: all have adverse events... if we gave nitrofur out like candy we would see much more bad stuff #nephjc

Tue Dec 2 18:28:20 PST 2014

davidjuurlink

@brownpa79 +1 Nitrofurantoin also a risk factor for hyperK in rare patients. Suppresses aldo release. #NephJC

Tue Dec 2 18:28:22 PST 2014

kidney_md

RT @Nephro_Sparks: if on ACEi or ARB, NSAID, modest elevate creat... think twice before TMP-SMX #nephjc

Tue Dec 2 18:28:30 PST 2014

dr_nikhilshah

RT @edgarvlermamd: @LangoteAmit Drugs and hyperkalemia for the Boards #Nephpearls #NephJC <http://t.co/FG8y4wSX7b>

Tue Dec 2 18:28:42 PST 2014

nephro_sparks

@AndrewFMalone my UTI lecture to the fellows just grew #nephjc

Tue Dec 2 18:28:47 PST 2014

langoteamit

@edgarvlermamd i have that figure from Nephpearls right from my trainee days :) #nephjc

Tue Dec 2 18:28:49 PST 2014

kidneysingh

Bhupinder Singh #nephJC

Tue Dec 2 18:29:00 PST 2014

nephjc

#NephJC would like to thank @Eoinrenal for doing the excellent introduction for this week's Potassium extravaganza <http://t.co/MjvH4UjVyV>

Tue Dec 2 18:29:18 PST 2014

langoteamit

RT @NephJC: #NephJC would like to thank @Eoinrenal for doing the excellent introduction for this week's Potassium extravaganza [http://t.co/...](http://t.co/)

Tue Dec 2 18:29:38 PST 2014

hswapnil

RT @NephJC: #NephJC would like to thank @Eoinrenal for doing the excellent introduction for this week's Potassium extravaganza [http://t.co/...](http://t.co/)

Tue Dec 2 18:29:51 PST 2014

signindoc

@AndrewFMalone @Nephro_Sparks Agree - very poor operating characteristics #NephJC

Tue Dec 2 18:29:53 PST 2014

nephjc

Onward to Harmonize! <http://t.co/QoY2Fx94DV> Effect of Sodium Zirconium on K for 28 Days Among Outpatients With Hyperkalemia #NephJC

Tue Dec 2 18:30:03 PST 2014

nephjc

From the Introduction, apparently hyperkalemia is common and can cause cardiac arrhythmia. #NephJC

Tue Dec 2 18:30:07 PST 2014

davidjuurlink

@brownpa79 Here's our older study in spiro patients. Check out nitrofurantoin. <http://t.co/4zotpDwWoi> #NephJC <http://t.co/O5zurS80HD>

Tue Dec 2 18:30:14 PST 2014

nephjc

People predisposed to hyperkalemia benefit from drugs that cause hyperkalemia. And that sucks. #NephJC

Tue Dec 2 18:30:25 PST 2014

hswapnil

RT @DavidJuurlink: @brownpa79 Here's our older study in spiro patients. Check out nitrofurantoin. <http://t.co/4zotpDwWoi> #NephJC <http://t.c...>

Tue Dec 2 18:30:29 PST 2014

lewis_lab

RT @DavidJuurlink: T minus 5 minutes to #NephJC, discussing our @bmj_latest study on trimethoprim and sudden death. <http://t.co/zhVrNByWP5>

Tue Dec 2 18:30:37 PST 2014

nephjc

Hey, author from the Trim Sulfa Kills paper is referenced in this paper! See ref 9: <http://t.co/NyA8zGJn6z> #NephJC

Tue Dec 2 18:30:54 PST 2014

brownpa79

@DavidJuurlink thanks! #nephjc

Tue Dec 2 18:31:04 PST 2014

kidney_md RT @DavidJuurlink: @brownpa79 Here's our older study in spiro patients. Check out nitrofurantoin. <http://t.co/4zotpDwWoi> #NephJC <http://t.c...>
Tue Dec 2 18:31:20 PST 2014

edgarvlermamd @NephJC @kidneysingh aka Bhupinder Singh, HARMONIZE Co-author is on #NephJC
Tue Dec 2 18:31:31 PST 2014

hswapnil Really! Who knew that? /sarc @NephJC: From the Introduction, apparently hyperkalemia is common and can cause cardiac arrhythmia. #nephjc
Tue Dec 2 18:31:35 PST 2014

nephro_sparks hyperkalemia is painful and we need better drugs (and ones that can be tolerated long term) #nephjc
Tue Dec 2 18:31:36 PST 2014

hswapnil Welcome, another co-author! RT @kidneysingh: Bhupinder Singh #nephJC
Tue Dec 2 18:31:58 PST 2014

hekmags RT @NephJC: Hey, author from the Trim Sulfa Kills paper is referenced in this paper! See ref 9: <http://t.co/NyA8zGJn6z> #NephJC
Tue Dec 2 18:32:09 PST 2014

langoteamit @DavidJuurlink thanks #nephjc
Tue Dec 2 18:32:42 PST 2014

nephro_sparks how much of your nephro practice is calling patients to stop reduce dose of ACEi/ARB for K issues? #nephjc
Tue Dec 2 18:32:47 PST 2014

lewis_lab RT @DavidJuurlink: @brownpa79 Here's our older study in spiro patients. Check out nitrofurantoin. <http://t.co/4zotpDwWoi> #NephJC <http://t.c...>
Tue Dec 2 18:32:55 PST 2014

nephjc @DavidJuurlink @Hekmags see what we did there? Pretty clever! #nephjc
Tue Dec 2 18:32:56 PST 2014

nephjc Placebo vs Correctol® (phenothalein) vs Kayexalate® (resin) vs Sorbital + resin vs Correctol + resin #NephJC <http://t.co/eEPZPE2waZ>
Tue Dec 2 18:33:02 PST 2014

hswapnil The famous post-RALES paper @NephJC: Hey, @davidjuurlink is referenced in this paper! See ref 9: <http://t.co/LSEXsRMIuc> #NephJC #nephjc
Tue Dec 2 18:33:06 PST 2014

nephjc Reference for the last image: Effect of single dose resin-cathartic therapy on K in patients with ESRD #NephJC <http://t.co/1LB33IARi7>
Tue Dec 2 18:33:24 PST 2014

eoinrenal #NephJC is this the longest experience we have with these new agents? 4 weeks seems so

short.

Tue Dec 2 18:33:27 PST 2014

nephjc

In comes sodium zirconium cyclosilicate also known as DS-9, I mean ZS-9 #NerdHumor #NephJC <http://t.co/Y8DVoIO1tB>

Tue Dec 2 18:33:45 PST 2014

nephro_sparks

@NephJC N of 5 per group (are these mice) #nephjc

Tue Dec 2 18:33:51 PST 2014

brownpa79

RT @Nephro_Sparks: how much of your nephro practice is calling patients to stop reduce dose of ACEi/ARB for K issues? a lot! #nephjc

Tue Dec 2 18:34:05 PST 2014

hswapnil

RT @NephJC: Placebo vs Correctol® (phenothalein) vs Kayexalate® (resin) vs Sorbital + resin vs Correctol + resin #NephJC <http://t.co/e...>

Tue Dec 2 18:34:50 PST 2014

dr_nikhilshah

Why not compare with Kayexalate in addition to placebo or is that "are you crazy???" #nephjc

Tue Dec 2 18:34:53 PST 2014

davidjuurlink

@marushla Ecological fallacy is about what one infers. Ex: <http://t.co/a3E90bjfTg> Spiro + ACEI *can* reduce morbidity and mortality #NephJC

Tue Dec 2 18:35:04 PST 2014

hswapnil

RT @brownpa79: RT @Nephro_Sparks: how much of your nephro practice is calling patients to stop reduce dose of ACEi/ARB for K issues? a lot...

Tue Dec 2 18:35:07 PST 2014

nephondemand

@NephJC so Y not include kayexalate in 1 of the arms in the study? @edgarvlermam @kidneysingh #nephjc

Tue Dec 2 18:35:09 PST 2014

langoteamit

How many in audience treat K below 5.5 with K binding resins or stopping ACEi/ARB ? #nephjc

Tue Dec 2 18:35:10 PST 2014

nephjc

We have an NP just for this @Nephro_Sparks: how much of your nephro practice is calling patients to stop ACEi/ARB for K issues? #nephjc

Tue Dec 2 18:35:22 PST 2014

dr_nikhilshah

@langoteamit Not me! #nephjc

Tue Dec 2 18:35:43 PST 2014

nephondemand

@LangoteAmit #nephjc I treat with diet modification, decreasing ACE/ARB, increase diuretic and then a resin

Tue Dec 2 18:36:04 PST 2014

davidjuurlink

@marushla Would be incorrect to draw inferences about an individual from an ecologic study such as this: <http://t.co/a3E90bjfTg> #NephJC

Tue Dec 2 18:36:11 PST 2014

nephjc

@LangoteAmit I'm less and less comfortable with high fives in my CKD and RAAS population. I act on >5.5 #nephjc

Tue Dec 2 18:36:17 PST 2014

langoteamit

why is inclusion criteria more $k > 5.1$ #nephjc

Tue Dec 2 18:36:28 PST 2014

nephromostapha

@dr_nikhilshah #nephjc they should compare it to the best pre existing treatment. this the art !

Tue Dec 2 18:36:35 PST 2014

nephjc

Ambulatory patients with $K > 5.1$ double blind placebo controlled #NephJC

Tue Dec 2 18:36:40 PST 2014

hekmags

@Nephro_Sparks A lot. I always check BMP after starting/changing ACE/ARB dose. #nephjc

Tue Dec 2 18:36:41 PST 2014

brownpa79

@langoteamit very rarely use resin, not til 6+ #nephjc

Tue Dec 2 18:36:44 PST 2014

nephro_sparks

RT @nephondemand: @LangoteAmit #nephjc I treat with diet modification, decreasing ACE/ARB, increase diuretic and then a resin

Tue Dec 2 18:36:52 PST 2014

nephjc

Never use a resin. Resin Kills. #nephjc

Tue Dec 2 18:37:03 PST 2014

hswapnil

Same here. Don't believe in resin @brownpa79: @langoteamit very rarely use resin, not til 6+ #nephjc

Tue Dec 2 18:37:12 PST 2014

drraymondhsu

almost never use resin, certainly never in outpatient #nephjc

Tue Dec 2 18:37:21 PST 2014

kidney_md

RT @NephJC: Never use a resin. Resin Kills. #nephjc

Tue Dec 2 18:37:38 PST 2014

hekmags

@LangoteAmit Sometimes you just repeat another BMP and... boom! K is normal #nephjc

Tue Dec 2 18:37:39 PST 2014

nephro_sparks

agree that resin rarely used. decrease ACEi or ARB, reinforce diet then uptitrate after K is improved #nephjc

Tue Dec 2 18:37:41 PST 2014

nephjc

Using more and more fludrocortisone and diuretics in CKD #nephjc

Tue Dec 2 18:38:15 PST 2014

nephjc All patients initially received ZS-9 10g x6 doses. If K normalized pts randomized to: placebo, 5, 10 or 15 g daily of study drug #NephJC
Tue Dec 2 18:38:20 PST 2014

nephjc reversion to mean RT @Hekmags: @LangoteAmit Sometimes you just repeat another BMP and... boom! K is normal #nephjc
Tue Dec 2 18:38:43 PST 2014

nephjc This study design subtly enriches the randomized population to people who can tolerate the drug. #NephJC <http://t.co/08rbJi8INu>
Tue Dec 2 18:39:02 PST 2014

brownpa79 @DrRaymondHsu funny, i never use in inpatients, too slow & ineffective. very rarely in outpatients. perhaps best is not at all #nephjc
Tue Dec 2 18:39:02 PST 2014

davidjuurlink @NephroMostapha LQTS isn't the issue here, unless I have misunderstood your point. #NephJC
Tue Dec 2 18:39:09 PST 2014

edgarvlermamd @kidneysingh @nephondemand Also, SPS has questionable safety, poor GI tolerability and reports of GI toxicity #NephJC <http://t.co/ptmAkG0vRc>
Tue Dec 2 18:39:09 PST 2014

hswapnil Plus baking soda (bicarb) RT @NephJC: Using more and more fludrocortisone and diuretics in CKD #nephjc
Tue Dec 2 18:39:13 PST 2014

signindoc As with others, do not use resin tastes like wet sand - try it! #NephJC
Tue Dec 2 18:39:16 PST 2014

dr_nikhilshah How many have had experience with "Resin Kills" ? I had one bowel perforation! #nephjc
Tue Dec 2 18:39:22 PST 2014

nephromostapha @NephJC desing of big pharma....#NephJC
Tue Dec 2 18:39:23 PST 2014

langoteamit RT @brownpa79: @DrRaymondHsu funny, i never use in inpatients, too slow & ineffective. very rarely in outpatients. perhaps best is not at a...
Tue Dec 2 18:39:24 PST 2014

wittykidney @NephJC @Nephro_Sparks ~ 10% #NephJC
Tue Dec 2 18:39:27 PST 2014

nephjc "@kidneysingh: The clinical trial was designed in agreement with FDA. FDA recommended against using SPS arm" #NephJC
Tue Dec 2 18:39:27 PST 2014

hekmags [@Nephro_Sparks](#) From my short experience, lots of Nephrologists still use it... better to do something than nothing. [#nephjc](#)
Tue Dec 2 18:39:28 PST 2014

brownpa79 Lasix and baking soda rocks! [#nephjc](#)
Tue Dec 2 18:39:53 PST 2014

nephjc QF Not True RT [@Hekmags](#): better to do something than nothing. [#nephjc](#)
Tue Dec 2 18:39:58 PST 2014

nephjc RT [@brownpa79](#): [@DrRaymondHsu](#) funny, i never use in inpatients, too slow & ineffective. very rarely in outpatients. perhaps best is not at a...
Tue Dec 2 18:40:20 PST 2014

nephondemand [@edgarvlmamd](#) [@kidneysingh](#) fair point. y not compare ZS-9 2 diuretic? Compare GI loss of K to urinary loss of K. [#nephjc](#)
Tue Dec 2 18:40:35 PST 2014

nephjc No I'm dissing bad study design RT [@NephroMostapha](#): [@NephJC](#) desing of big pharma....[#NephJC](#) [#nephjc](#)
Tue Dec 2 18:40:53 PST 2014

kidney_md RT [@NephJC](#): "[@kidneysingh](#): The clinical trial was designed in agreement with FDA. FDA recommended against using SPS arm" [#NephJC](#)
Tue Dec 2 18:41:00 PST 2014

wittykidney [@NephJC](#) Let us not be so crude! Have been using resin binders for over 20 years. No problem. [#NephJC](#)
Tue Dec 2 18:41:04 PST 2014

drraymondhsu [@brownpa79](#) [@DrRaymondHsu](#) haha agree. i don't use in inpatient either but usually housestaff already gave it [#nephjc](#)
Tue Dec 2 18:41:20 PST 2014

andrewfmalone There was more oedema in ZS9 groups here, was there more diuretic use? [#nephjc](#) [#nephjc](#)
Tue Dec 2 18:41:22 PST 2014

signindoc [@Hekmags](#) [@Nephro_Sparks](#) Don't just do saomething, stand there [#NephJC](#)
Tue Dec 2 18:41:27 PST 2014

dr_nikhilshah Have not seen great concern over kayexalate here at least. Handed out like candy! [#nephjc](#)
Tue Dec 2 18:41:31 PST 2014

marushla [@NephJC](#) NEVER use a resin??? [#nephjc](#)
Tue Dec 2 18:41:33 PST 2014

hswapnil [@marushla](#) how ecological fallacy? This is individual data, not study/ group data? [@DavidJuurlink](#) [#nephjc](#)
Tue Dec 2 18:41:47 PST 2014

teerath1978 [#nephjc](#) I have used resin lot of CKD out patients from Middle East population, who are very fond of date palm, and it works
Tue Dec 2 18:42:08 PST 2014

nephro_sparks [@AndrewFMalone](#) I believe it was only the 15g group [#nephjc](#)
Tue Dec 2 18:42:25 PST 2014

marushla [@hswapnil](#) [@marushla](#) [@DavidJuurlink](#) yes - agreed. [#nephjc](#)
Tue Dec 2 18:42:26 PST 2014

nephjc [@wittykidney](#) only if you close your eyes and say na na na <http://t.co/HyDdX1jAui> [#nephjc](#)
Tue Dec 2 18:42:30 PST 2014

nephondemand [@kidneysingh](#) [@NephJC](#) [@edgarvlermamd](#) fair points. But y not select a better comparator than placebo? ZS-9 vs low K diet or diuretic. [#nephjc](#)
Tue Dec 2 18:42:37 PST 2014

hswapnil That is so hard to do, esp for house staff! [@signindoc](#): [@Hekmags](#) [@Nephro_Sparks](#) Don't just do something, stand there [#NephJC](#)
Tue Dec 2 18:42:46 PST 2014

katiekwonmd [@dr_nikhilshah](#) I've seen 2 perfs with SPS in 10 years, one fatal. [#nephjc](#)
Tue Dec 2 18:42:57 PST 2014

nephjc Yes RT [@marushla](#): [@NephJC](#) NEVER use a resin??? [#nephjc](#)
Tue Dec 2 18:42:59 PST 2014

nephjc I've had 1, don't want to see another RT [@KatieKwonMD](#): [@dr_nikhilshah](#) I've seen 2 perfs with SPS in 10 years, one fatal. [#nephjc](#)
Tue Dec 2 18:43:20 PST 2014

mdaware RT [@NephJC](#): Yes RT [@marushla](#): [@NephJC](#) NEVER use a resin??? [#nephjc](#)
Tue Dec 2 18:43:20 PST 2014

mdaware RT [@NephJC](#): Never use a resin. Resin Kills. [#nephjc](#)
Tue Dec 2 18:43:23 PST 2014

dr_nikhilshah No urine output, missed dialysis, previous K 5.8, patient at home and well, next HD 2 days from today? RESIN?? [#nephjc](#)
Tue Dec 2 18:43:27 PST 2014

hswapnil RT [@brownpa79](#): Lasix and baking soda rocks! [#nephjc](#)
Tue Dec 2 18:43:38 PST 2014

drraymondhsu was this current study designed after the NEJM one? <http://t.co/DWFqI8Pc07> [#nephjc](#)
Tue Dec 2 18:43:41 PST 2014

nephjc @dr_nikhilshah miralax and dialysis tomorrow #nephjc
Tue Dec 2 18:43:51 PST 2014

langoteamit 1) <http://t.co/qeTbWsmZQz> 2) <http://t.co/OEgXETq8tH> #nephjc
Tue Dec 2 18:44:02 PST 2014

kidney_md Stopped using resin after pbfluids blog post as IM resident ! <http://t.co/q5gaq8JeeM> #nephjc
Tue Dec 2 18:44:13 PST 2014

apoorvamagic RT @NephJC: Never use a resin. Resin Kills. #nephjc
Tue Dec 2 18:44:18 PST 2014

dr_nikhilshah @NephJC @dr_nikhilshah patient remote satellite - dialysis bus patient!! No dialysis tomorrow! #nephjc
Tue Dec 2 18:44:39 PST 2014

nephondemand @kidneysingh @edgarvlermamd ok but I couldn't find the data that showed if diuretic use was similar in all arms. Did I miss it? #nephjc
Tue Dec 2 18:44:52 PST 2014

andrewfmalone @Nephro_Sparks Seemed to be a trend in 10g also #NephJC
Tue Dec 2 18:44:57 PST 2014

nephjc Study schema #NephJC 6 patients who were randomized were not included in intension to treat. WTF #NephJC <http://t.co/xpyrWPL8XM>
Tue Dec 2 18:45:07 PST 2014

hswapnil @dr_nikhilshah @NephJC Resins no better than cathartics alone #nephjc
Tue Dec 2 18:45:14 PST 2014

marushla @NephJC isn't it the sorbitol though, rather than the resin itself that causes the bowel issues?? #nephjc
Tue Dec 2 18:45:17 PST 2014

brownpa79 @dr_nikhilshah probably so i sleep better. but does nothing for patient in all likelihood #nephjc
Tue Dec 2 18:45:34 PST 2014

nephro_sparks @AndrewFMalone i cannot understand why this would cause edema #nephjc
Tue Dec 2 18:45:48 PST 2014

dr_nikhilshah RT @brownpa79: @dr_nikhilshah probably so i sleep better. but does nothing for patient in all likelihood #nephjc
Tue Dec 2 18:45:56 PST 2014

drraymondhsu RT @marushla: @NephJC isn't it the sorbitol though, rather than the resin itself that causes the bowel issues?? #nephjc
Tue Dec 2 18:46:25 PST 2014

nephro_sparks why does FDA allow drugs to be "grandfathered in"? Kayexalate needs to be studied v placebo as well #nephjc
Tue Dec 2 18:46:35 PST 2014

nephondemand @KatieKwonMD @dr_nikhilshah after how many doses? #nephjc
Tue Dec 2 18:46:38 PST 2014

hekmags @dr_nikhilshah I would not prescribe resin. Prob would arrange for HD sooner. Nobody gets underdialyzed! #nephjc
Tue Dec 2 18:46:42 PST 2014

hswapnil Any comments from authors? @Nephro_Sparks: @AndrewFMalone i cannot understand why this would cause edema #nephjc
Tue Dec 2 18:46:44 PST 2014

kidney_boy good buy! RT @kidney_md: Stopped using resin after pbfluids blog post as IM resident ! <http://t.co/r7U3T6LoRU> #nephjc
Tue Dec 2 18:46:59 PST 2014

langoteamit @Nephro_Sparks @AndrewFMalone Its given with 240 ml water per dose , not sure if 15 gm needed more water #nephjc
Tue Dec 2 18:47:00 PST 2014

hekmags RT @hswapnil: @dr_nikhilshah @NephJC Resins no better than cathartics alone #nephjc
Tue Dec 2 18:47:04 PST 2014

hswapnil You want colchicine redo?? @Nephro_Sparks: why does FDA allow drugs to be "grandfathered in"? #nephjc
Tue Dec 2 18:47:20 PST 2014

kidney_md @LangoteAmit Nice summary by R Sterns <http://t.co/s2PxXLEnsi> #nephjc
Tue Dec 2 18:47:20 PST 2014

wbeaubien There is an ungoing trial of kayexalate vs placebo. Publication to be expected soon. #nephjc
Tue Dec 2 18:47:22 PST 2014

langoteamit esp given pts in CKD stag 3 #nephjc
Tue Dec 2 18:47:22 PST 2014

dr_nikhilshah @nephondemand @KatieKwonMD @dr_nikhilshah 4 days BID with constipation. Patient continued without advice or coming in!! #nephjc
Tue Dec 2 18:47:34 PST 2014

andrewmalone @Nephro_Sparks No, It might suggest they are on more loop and thus have lower K #NephJC
Tue Dec 2 18:47:35 PST 2014

mdaware @ZackRepEM @DavidJuurlink @kidney_boy use clinda & cause cdiff instead #nephjc

Tue Dec 2 18:47:53 PST 2014

kasiahamptonmd

RT @NephJC: Never use a resin. Resin Kills. #nephjc

Tue Dec 2 18:48:05 PST 2014

weddellite

RT @wittykidney: @NephJC Let us not be so crude! Have been using resin binders for over 20 years. No problem. #NephJC

Tue Dec 2 18:48:20 PST 2014

nephjc

Non-randomized first phase results. Nice rapid reduction in potassium. #NephJC <http://t.co/56djm9vHR>

Tue Dec 2 18:48:25 PST 2014

mdaware

RT @Nephro_Sparks: why does FDA allow drugs to be "grandfathered in"? Kayexalate needs to be studied v placebo as well #nephjc

Tue Dec 2 18:48:32 PST 2014

dr_nikhilshah

Random question - what is the cost factor vs efficacy? #nephjc

Tue Dec 2 18:48:39 PST 2014

hekmags

RT @NephJC: Never use a resin. Resin Kills. #nephjc

Tue Dec 2 18:48:41 PST 2014

nephjc

Well hello David, I was waiting for your contrarian tweets to arrive #nephjc

Tue Dec 2 18:48:56 PST 2014

hswapnil

RT @WBeaubien: There is an ongoing trial of kayexalate vs placebo. Publication to be expected soon. #nephjc

Tue Dec 2 18:49:16 PST 2014

nephjc

Nice reduction of potassium across all sub groups #NephJC <http://t.co/PF2LI8HnKv>

Tue Dec 2 18:49:28 PST 2014

kidney_md

SPS vs placebo - study terminated <http://t.co/0eCIGcDueg> #nephjc

Tue Dec 2 18:49:33 PST 2014

weddellite

I was downing a bottle of Kayexalate with my lisinopril and Bactrim #nephjc

Tue Dec 2 18:49:34 PST 2014

wittykidney

@hswapnil @Nephro_Sparks @AndrewFMalone because it exchanges sodium for k, so retains sodium #NephJC

Tue Dec 2 18:49:38 PST 2014

dr_nikhilshah

RT @weddellite: I was downing a bottle of Kayexalate with my lisinopril and Bactrim #nephjc

Tue Dec 2 18:49:48 PST 2014

kidney_md

@hswapnil @WBeaubien SPS vs placebo - study terminated <http://t.co/JoM54NZy0k...>

#nephjc

Tue Dec 2 18:50:01 PST 2014

nephjc

Why? RT @kidney_md: SPS vs placebo - study terminated <http://t.co/OUKePNJ8li> #nephjc

Tue Dec 2 18:50:05 PST 2014

nephro_sparks

<http://t.co/TpaIHTrEqN> (Risk/benefit determination showed study revealed negative safety issues.) Kay v Plac via ZS pharma #nephjc

Tue Dec 2 18:50:12 PST 2014

hswapnil

RT @weddellite: I was downing a bottle of Kayexelate with my lisinopril and Bactrim #nephjc

Tue Dec 2 18:50:17 PST 2014

kidney_md

@NephJC Risk/benefit determination showed study revealed negative safety issues #nephjc

Tue Dec 2 18:50:36 PST 2014

nephondemand

@kidneysingh @edgarvlrmamd do u have the link? #nephjc

Tue Dec 2 18:50:40 PST 2014

nephromostapha

@NephJC #NephJC yes efficace but is it efficient ?

Tue Dec 2 18:50:52 PST 2014

kidney_boy

Nice dose response during the placebo and randomized portion of the study. #NephJC <http://t.co/IXIJ3y9HBS>

Tue Dec 2 18:51:04 PST 2014

nephro_sparks

@nephondemand @kidneysingh @edgarvlrmamd <http://t.co/pjun8zol0l> #nephjc

Tue Dec 2 18:51:14 PST 2014

mdaware

“@NephJC: Well hello David, I was waiting for your contrarian tweets to arrive #nephjc” <http://t.co/C3Nfb3oYQi>

Tue Dec 2 18:51:26 PST 2014

drraymondhsu

does zs pharma make kayexalate as well? #fishy #nephjc

Tue Dec 2 18:51:55 PST 2014

hswapnil

@WBeaubien This one? <https://t.co/HjQKV7ONTC>? #nephjc

Tue Dec 2 18:52:00 PST 2014

hekmags

RT @Nephro_Sparks: <http://t.co/TpaIHTrEqN> (Risk/benefit determination showed study revealed negative safety issues.) Kay v Plac via ZS phar...

Tue Dec 2 18:52:22 PST 2014

nephondemand

@edgarvlrmamd @AndrewFMalone @Nephro_Sparks @Eoinrenal @kidneysingh could the edema B coming from Na component of the drug? #nephjc

Tue Dec 2 18:52:26 PST 2014

wbeaubien

@hswapnil #nephjc excatly

Tue Dec 2 18:52:27 PST 2014

nephjc

Termination of Kayexalate vs placebo. Like I said, No Resins. Never. #NephJC
<http://t.co/jijhbBqUG1>

Tue Dec 2 18:52:29 PST 2014

mdaware

RT @NephJC: Termination of Kayexalate vs placebo. Like I said, No Resins. Never.
#NephJC <http://t.co/jijhbBqUG1>

Tue Dec 2 18:52:50 PST 2014

kidney_md

RT @NephJC: Termination of Kayexalate vs placebo. Like I said, No Resins. Never.
#NephJC <http://t.co/jijhbBqUG1>

Tue Dec 2 18:52:55 PST 2014

ucmorningreport

RT @NephJC: Termination of Kayexalate vs placebo. Like I said, No Resins. Never.
#NephJC <http://t.co/jijhbBqUG1>

Tue Dec 2 18:53:06 PST 2014

brownpa79

OK my question is who will use ZS when it hits market? #nephjc

Tue Dec 2 18:53:10 PST 2014

nephjc

Me RT @brownpa79: OK my question is who will use ZS when it hits market? #nephjc

Tue Dec 2 18:53:21 PST 2014

nephjc

Look how the placebo patients potassium popped right back up. They got the right
population. #NephJC <http://t.co/wCxL6qYW0f>

Tue Dec 2 18:53:26 PST 2014

signindoc

RT +1 @kidney_md Risk/benefit determination showed negative safety issues #nephjc
Important information <http://t.co/QpopmtXRty>

Tue Dec 2 18:53:39 PST 2014

langoteamit

i think no one #nephjc

Tue Dec 2 18:53:41 PST 2014

rocknicepac

RT @NephJC: Termination of Kayexalate vs placebo. Like I said, No Resins. Never.
#NephJC <http://t.co/jijhbBqUG1>

Tue Dec 2 18:53:57 PST 2014

andrewfmalone

@nephondemand @edgarvlrmamd @Nephro_Sparks @Eoinrenal @kidneysingh Good
point.#NephJC

Tue Dec 2 18:54:04 PST 2014

kidney_md

RT @signindoc: RT +1 @kidney_md Risk/benefit determination showed negative safety
issues #nephjc Important information <http://t.co/QpopmtX...>

Tue Dec 2 18:54:09 PST 2014

hswapnil

I am not sure. #noteearlyadopter on this one @brownpa79: OK my question is who will use
ZS when it hits market? #nephjc

Tue Dec 2 18:54:10 PST 2014

hekmags

@brownpa79 Depends... how much would it cost? #nephjc

Tue Dec 2 18:54:15 PST 2014

marushla

To study author: Does ZS 9 also cause diarrhea? #nephjc

Tue Dec 2 18:54:15 PST 2014

weddellite

sorry to be late. anyone worried about people dying of HYPOkalemia?

<http://t.co/HYd2d61uOt> #nephjc

Tue Dec 2 18:54:16 PST 2014

hekmags

RT @NephJC: Termination of Kayexalate vs placebo. Like I said, No Resins. Never. #NephJC <http://t.co/jijhbBqUG1>

Tue Dec 2 18:54:23 PST 2014

teerath1978

See lot of people use resins in Middle East CKD patients, where people are very fond of dates palm, it works #nephjc

Tue Dec 2 18:54:42 PST 2014

edgarvlermamd

@AndrewFMalone @Nephro_Sparks @Eoinrenal @hswapnil @kidneysingh ZS-9 15 gms
↑ rates of heart failure, eGFR <60, ↑ BNP at baseline #NephJC

Tue Dec 2 18:54:47 PST 2014

brownpa79

and how will you use ZS? for episodic hyper K or for maintenance to keep ACEI or ARB on board #nephjc

Tue Dec 2 18:54:55 PST 2014

nephjc

Speaking of fishy. Back to the bad old days of drug company sponsored publication bias #NephJC <http://t.co/BWjWrGgL9X>

Tue Dec 2 18:55:04 PST 2014

nephro_sparks

i think a maintenance trial with ACEi or ARB will need to be done if we give long term #nephjc

Tue Dec 2 18:55:30 PST 2014

drraymondhsu

RT @NephJC: Speaking of fishy. Back to the bad old days of drug company sponsored publication bias #NephJC <http://t.co/BWjWrGgL9X>

Tue Dec 2 18:55:37 PST 2014

hswapnil

@signindoc @kidney_md Right, but RCTs are poor at detecting rare safety signals. Need studies like @davidjuurink does for that #nephjc

Tue Dec 2 18:55:49 PST 2014

dr_nikhilshah

@brownpa79 most likely cost will play an issue. Will it be covered?? Most likely be an episodic drug like SPS. #nephjc

Tue Dec 2 18:55:51 PST 2014

brownpa79

personally not going to use it before more data from NON pharma trials! #nephjc

Tue Dec 2 18:55:53 PST 2014

- nephjc** +1 RT @hswapnil: Right, but RCTs are poor at detecting rare safety signals. Need studies like @davidjuurlink does for that #nephjc
Tue Dec 2 18:56:18 PST 2014
- andrewbuel** RT @NephJC: Termination of Kayexalate vs placebo. Like I said, No Resins. Never. #NephJC <http://t.co/jijhbBqUG1>
Tue Dec 2 18:56:47 PST 2014
- drraymondhsu** i just thought it was weird that zs pharma would sponsor the kayexalate vs placebo trial -- isn't it generic #nephjc
Tue Dec 2 18:56:54 PST 2014
- hswapnil** RT @weddellite: sorry to be late. anyone worried about people dying of HYPOkalemia? <http://t.co/HYd2d61uOt> #nephjc
Tue Dec 2 18:56:58 PST 2014
- weddellite** nephrologists will have to treat everyone in their clinics because we don't seem to know what level of K is safe. #nephjc
Tue Dec 2 18:57:00 PST 2014
- nephjc** For acute hyperkalemia the NEJM article is what you need to look at. #nephjc
Tue Dec 2 18:57:00 PST 2014
- edgarvlermam** @nephondemand @kidneysingh From a PRACTICAL standpoint, if it were easy to implement 📌 K diet, we wouldn't be talking about this #NephJC
Tue Dec 2 18:57:08 PST 2014
- weddellite** I talk about "cosmetic hyperkalemia"...tell my patients not to let anyone treat them for it...maybe I'm too glib and confused. #nephjc
Tue Dec 2 18:57:34 PST 2014
- nephjc** Low K diets associated with increased hypertension and stroke, not a great option. #nephjc
Tue Dec 2 18:57:37 PST 2014
- wbeaubien** RT @weddellite: sorry to be late. anyone worried about people dying of HYPOkalemia? <http://t.co/HYd2d61uOt> #nephjc
Tue Dec 2 18:57:39 PST 2014
- langoteamit** Baseline K in study group 5.6 . even otherwise we wont treat these pts with resins #nephjc
Tue Dec 2 18:57:51 PST 2014
- hswapnil** RT @weddellite: I talk about "cosmetic hyperkalemia"...tell my patients not to let anyone treat them for it...maybe I'm too glib and confus...
Tue Dec 2 18:57:53 PST 2014
- nephro_sparks** K issues are one of the more common issues a nephrologist faces and at least we are actually studying it now #nephjc
Tue Dec 2 18:58:00 PST 2014

nephondemand [#nephjc](#) so what happens after day 28? When u stop ZS9, how do u control K 2 not have a repeat of hyperkalemia? [@kidneysingh](#) [@edgarvlermamd](#)
Tue Dec 2 18:58:00 PST 2014

nephjc well you did miss the bactrim article RT [@weddellite](#): I talk about "cosmetic hyperkalemia" [#nephjc](#)
Tue Dec 2 18:58:04 PST 2014

wittykidney [@Nephro_Sparks](#) what about acidosis? As this agent exchanges hydrogen and sodium for k, so acidosis is possible [#nephjc](#)
Tue Dec 2 18:58:08 PST 2014

louaud Negative safety "issues" RT [@NephJC](#): Termination of Kayexalate vs placebo. Like I said, No Resins. Never. [#NephJC](#) <http://t.co/dhclVd2Gix>
Tue Dec 2 18:58:10 PST 2014

dr_nikhilshah ZS-9, I'd take with a pinch of KCl. Waiting for more studies. [#nephjc](#)
Tue Dec 2 18:58:18 PST 2014

weddellite [@davidjuurlink](#) makes me question what I know... [#nephjc](#)
Tue Dec 2 18:58:26 PST 2014

nephro_sparks we have gone too long just trusting resins and need to actually study them [#nephjc](#)
Tue Dec 2 18:58:44 PST 2014

drraymondhsu RT [@dr_nikhilshah](#): ZS-9, I'd take with a pinch of KCl. Waiting for more studies. [#nephjc](#)
Tue Dec 2 18:58:53 PST 2014

hswapnil [@weddellite](#) Agree. I often use 'therapeutic turbulence avoidance' as an excuse for my 'clinical inertia'! Just repeat K in most case [#nephjc](#)
Tue Dec 2 18:58:56 PST 2014

fismat RT [@NephJC](#): Termination of Kayexalate vs placebo. Like I said, No Resins. Never. [#NephJC](#) <http://t.co/jijhbBqUG1>
Tue Dec 2 18:59:00 PST 2014

edgarvlermamd [@AndrewFMalone](#) [@Nephro_Sparks](#) [@Eoinrenal](#) [@hswapnil](#) [@kidneysingh](#) Also note no significant change in body weight in HARMONIZE [#NephJC](#)
Tue Dec 2 18:59:01 PST 2014

hswapnil RT [@wittykidney](#): [@Nephro_Sparks](#) what about acidosis? As this agent exchanges hydrogen and sodium for k, so acidosis is possible [#nephjc](#)
Tue Dec 2 18:59:22 PST 2014

hekmags RT [@wittykidney](#): [@Nephro_Sparks](#) what about acidosis? As this agent exchanges hydrogen and sodium for k, so acidosis is possible [#nephjc](#)
Tue Dec 2 18:59:35 PST 2014

andrewbuel RT [@NephJC](#): Low K diets associated with increased hypertension and stroke, not a great option. [#nephjc](#)

Tue Dec 2 18:59:39 PST 2014

hswapnil

agree, I won't @LangoteAmit: Baseline K in study group 5.6 . even otherwise we wont treat these pts with resins #nephjc

Tue Dec 2 18:59:40 PST 2014

weddellite

since i wrote a letter to NEJM doubting the @davidjuurlink post-RALES study <http://t.co/qpYLg0W9Ey> #nephjc

Tue Dec 2 18:59:52 PST 2014

weddellite

he put me in the acknowledgements section of the Bactrim paper so I couldn't sandbag him! #nephjc

Tue Dec 2 19:00:12 PST 2014

edgarvlrmamd

@nephondemand @kidneysingh Future directions for ZS-9 #NephJC <http://t.co/z95sBwK2UP>

Tue Dec 2 19:00:13 PST 2014

fismat

RT @Nephro_Sparks: why does FDA allow drugs to be "grandfathered in"? Kayexalate needs to be studied v placebo as well #nephjc

Tue Dec 2 19:00:19 PST 2014

nephondemand

@edgarvlrmamd @kidneysingh #nephjc so in the extension study do pts receive daily ZS9?

Tue Dec 2 19:00:59 PST 2014

dr_nikhilshah

Academic center non pharma study for ZS-9 ?? @edgarvlrmamd #nephjc

Tue Dec 2 19:01:00 PST 2014

hswapnil

nice letter -> @weddellite: since i wrote a letter to NEJM doubting the @davidjuurlink post-RALES study <http://t.co/tvtY0zaKk6> #nephjc

Tue Dec 2 19:01:16 PST 2014

katiekwonmd

RT @brownpa79: OK my question is who will use ZS when it hits market? #nephjc

Tue Dec 2 19:01:32 PST 2014

#NephJC transcript

Healthcare Social Media Transcript

From: Tue Dec 02 17:00:00 PST 2014
To: Tue Dec 02 21:00:00 PST 2014
change time period

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

Healthcare Conference - Healthcare Tweet Chats - Healthcare Analytics

clairlatin

RT @nephondemand: #nephjc so what happens after day 28? When u stop ZS9, how do u control K 2 not have a repeat of hyperkalemia? @kidneysin...

Tue Dec 2 19:01:34 PST 2014

nephjc

Someone asked about diarrhea. Looks solid. (Couldn't resist) #NephJC from the addendum <http://t.co/B9nwlkExq5>

Tue Dec 2 19:01:36 PST 2014

hekmags

How reliable is serum K vs plasma K? #nephjc

Tue Dec 2 19:01:42 PST 2014

nephro_sparks

ethical question- how do you design a clinical trial where the comparator has only historical data? (note- I am not a trialist) #nephjc

Tue Dec 2 19:01:53 PST 2014

weddellite

no difference between plasma and serum K....we did it in HD patients, little diff...unpublished data #nephjc

Tue Dec 2 19:02:10 PST 2014

drraymondhsu

RT @NephJC: Someone asked about diarrhea. Looks solid. (Couldn't resist) #NephJC from the addendum <http://t.co/B9nwlkExq5>

Tue Dec 2 19:02:12 PST 2014

hswapnil

RT @NephJC: Someone asked about diarrhea. Looks solid. (Couldn't resist) #NephJC from the addendum <http://t.co/B9nwlkExq5>

Tue Dec 2 19:02:17 PST 2014

colleen_young

RT @Nephro_Sparks: ethical question- how do you design a clinical trial where the

comparator has only historical data? (note- I am not a tr...

Tue Dec 2 19:02:19 PST 2014

katiekwonmd

@brownpa79 Vioxx, Propulsid, Avandia. And I've only been in practice 10 years. #ihatenevdrugs #nephjc

Tue Dec 2 19:02:35 PST 2014

ssenichk

RT @NephJC: Termination of Kayexalate vs placebo. Like I said, No Resins. Never. #NephJC <http://t.co/jijhbBqUG1>

Tue Dec 2 19:02:48 PST 2014

kidney_md

RT @weddellite: no difference between plasma and serum K....we did it in HD patients, little diff...unpublished data #nephjc

Tue Dec 2 19:02:50 PST 2014

signindoc

Do the authors of HARMONIZE have an answer to Malvinder's acidosis question @wittykidney? #NephJC

Tue Dec 2 19:03:06 PST 2014

langoteamit

3 pts withdrawn for K < 3 on i-STAT values, found to hv K > 3 in ccentral lab values #nephjc

Tue Dec 2 19:03:32 PST 2014

hekmags

RT @NephJC: Someone asked about diarrhea. Looks solid. (Couldn't resist) #NephJC from the addendum <http://t.co/B9nwlkExq5>

Tue Dec 2 19:03:44 PST 2014

melb_paramedic

RT @NephJC: Never use a resin. Resin Kills. #nephjc

Tue Dec 2 19:04:00 PST 2014

nephondemand

@weddellite #nephjc self-publish the data @theWinnower so we can access and learn from it

Tue Dec 2 19:04:08 PST 2014

hswapnil

GTG guys! great discussion. Thanks for joining in and all the diverse opinions! And the authors, David, Edgar and Bhupinder. #nephjc

Tue Dec 2 19:04:31 PST 2014

nephro_sparks

RT @wittykidney: @Nephro_Sparks what about acidosis? As this agent exchanges hydrogen and sodium for k, so acidosis is possible #nephjc

Tue Dec 2 19:04:33 PST 2014

weddellite

@nephondemand @weddellite @theWinnower tell the damn renal fellow!!! #nephjc

Tue Dec 2 19:04:38 PST 2014

hekmags

RT @weddellite: no difference between plasma and serum K....we did it in HD patients, little diff...unpublished data #nephjc

Tue Dec 2 19:04:48 PST 2014

marushla

RT @NephJC: Someone asked about diarrhea. Looks solid. (Couldn't resist) #NephJC from the addendum <http://t.co/B9nwlkExq5>

Tue Dec 2 19:04:53 PST 2014

edgarvlermamd

@DrRaymondHsu NEJM and JAMA ZS-9 Study Designs respectively #NephJC
<http://t.co/6cOVO5n5qC>

Tue Dec 2 19:05:02 PST 2014

marushla

@NephJC LOL #nephjc

Tue Dec 2 19:05:04 PST 2014

nephjc

Lost track of the time. We are are now in extra innings, or since we candians here, a shoot out. #nephjc

Tue Dec 2 19:05:06 PST 2014

nephjc

Great chat. Lots to ponder. #nephjc

Tue Dec 2 19:05:22 PST 2014

dr_nikhilshah

RT @NephJC: Lost track of the time. We are are now in extra innings, or since we candians here, a shoot out. #nephjc

Tue Dec 2 19:05:38 PST 2014

kidney_md

RT @edgarvlermamd: @DrRaymondHsu NEJM and JAMA ZS-9 Study Designs respectively #NephJC <http://t.co/6cOVO5n5qC>

Tue Dec 2 19:05:41 PST 2014

weddellite

In these studies I contend they treated patients that no nephrologist would treat...CHEAP levels of K #nephjc

Tue Dec 2 19:05:54 PST 2014

drraymondhsu

@edgarvlermamd @DrRaymondHsu cool thanks! #nephjc

Tue Dec 2 19:05:54 PST 2014

nephro_sparks

fantastic #nephjc Thanks @kidney_boy for hosting. @Eoinrenal for the great writeup on @RenalFellowNtwk and @NephJC now page @paulphel !

Tue Dec 2 19:06:16 PST 2014

dr_nikhilshah

Excellent discussion. Thank you! #nephjc

Tue Dec 2 19:06:17 PST 2014

brownpa79

+1 RT @weddellite: In these studies I contend they treated patients that no nephrologist would treat...CHEAP levels of K #nephjc

Tue Dec 2 19:06:17 PST 2014

weddellite

UNLESS you believe @davidjuurlink data's (and THEY seem solid) in which case you have to treat EVERYONE #nephjc

Tue Dec 2 19:06:25 PST 2014

nephjc

@weddellite hard to randomize high potassiums to placebo. Ethics and shit. #nephjc

Tue Dec 2 19:06:27 PST 2014

drraymondhsu

RT @NephJC: @weddellite hard to randomize high potassiums to placebo. Ethics and shit. #nephjc

Tue Dec 2 19:06:49 PST 2014

langoteamit

RT @Nephro_Sparks: fantastic #nephjc Thanks @kidney_boy for hosting. @Eoinrenal for the great writeup on @RenalFellowNtwk and @NephJC now p...

Tue Dec 2 19:06:54 PST 2014

andrewfmalone

@Eoinrenal Back to the ED Eoin! #nephjc

Tue Dec 2 19:06:59 PST 2014

kidney_md

RT @Nephro_Sparks: fantastic #nephjc Thanks @kidney_boy for hosting. @Eoinrenal for the great writeup on @RenalFellowNtwk and @NephJC now p...

Tue Dec 2 19:07:33 PST 2014

nephjc

You guys are great. I'm going to eat a banana and wash it down with some tomato juice. #NephJC out! <http://t.co/2pyE9L4IZK>

Tue Dec 2 19:07:59 PST 2014

langoteamit

RT @AndrewFMalone: @Eoinrenal Back to the ED Eoin! #nephjc

Tue Dec 2 19:08:04 PST 2014

drraymondhsu

thanks that was very informative.thanks authors @davidjuurink @edgarvlermamd #nephjc

Tue Dec 2 19:08:21 PST 2014

hekmags

RT @NephJC: You guys are great. I'm going to eat a banana and wash it down with some tomato juice. #NephJC out! <http://t.co/2pyE9L4IZK>

Tue Dec 2 19:08:23 PST 2014

dr_nikhilshah

RT @NephJC: You guys are great. I'm going to eat a banana and wash it down with some tomato juice. #NephJC out! <http://t.co/2pyE9L4IZK>

Tue Dec 2 19:08:24 PST 2014

edgarvlermamd

@DrRaymondHsu NEJM ZS003: Double blind randomized placebo controlled w/ multiple dose (1.5, 2.5, 5, 10 gms) vs placebo induction #NephJC

Tue Dec 2 19:08:39 PST 2014

nephro_sparks

RT @weddellite: @nephondemand @weddellite @theWinnower tell the damn renal fellow!!! #nephjc

Tue Dec 2 19:08:58 PST 2014

hekmags

@AndrewFMalone @Eoinrenal There is a patient with K of 7.9 in the ER that missed a week of HD.. #waitingforyou #nephjc

Tue Dec 2 19:09:34 PST 2014

langoteamit

RT @nephondemand: @LangoteAmit #nephjc I treat with diet modification, decreasing ACE/ARB, increase diuretic and then a resin

Tue Dec 2 19:10:06 PST 2014

edgarvlermamd

@DrRaymondHsu JAMA ZS004: Open label with 10gm TID induction x 48 hrs then double

blind randomized placebo controlled phase #NephJC

Tue Dec 2 19:11:16 PST 2014

weddellite

@Hekmags @AndrewFMalone @Eoinrenal Is MWF or TuThF #nephjc

Tue Dec 2 19:11:21 PST 2014

nephjc

Holy potassium rich feces! Best #NephJC ever! <http://t.co/NcMIMaiQqU>

Tue Dec 2 19:11:31 PST 2014

signindoc

Very good #NephJC @kidney_boy @hswapnil Thanks to the authors in who let themselves be enticed on to the web

Tue Dec 2 19:11:42 PST 2014

signindoc

Very good #NephJC @kidney_boy @hswapnil Thanks to the authors in who let themselves be enticed into the web

Tue Dec 2 19:12:04 PST 2014

kidney_md

RT @NephJC: Holy potassium rich feces! Best #NephJC ever! <http://t.co/NcMIMaiQqU>

Tue Dec 2 19:12:08 PST 2014

wbeaubien

RT @NephJC: Holy potassium rich feces! Best #NephJC ever! <http://t.co/NcMIMaiQqU>

Tue Dec 2 19:12:19 PST 2014

dr_nikhilshah

RT @signindoc: Very good #NephJC @kidney_boy @hswapnil Thanks to the authors in who let themselves be enticed on to the web

Tue Dec 2 19:12:35 PST 2014

nephro_sparks

RT @NephJC: Holy potassium rich feces! Best #NephJC ever! <http://t.co/NcMIMaiQqU>

Tue Dec 2 19:16:43 PST 2014

hekmags

RT @NephJC: Holy potassium rich feces! Best #NephJC ever! <http://t.co/NcMIMaiQqU>

Tue Dec 2 19:16:54 PST 2014

edgarvlermamd

@DrRaymondHsu NEJM ZS003  ZS-9 efficacy in acute 48 hour period ~ 754 randomized pxs #NephJC <http://t.co/i6AJnPnAkp> <http://t.co/zJRk0YoF5x>

Tue Dec 2 19:17:48 PST 2014

emcon2015hyd

RT @NephJC: Termination of Kayexalate vs placebo. Like I said, No Resins. Never. #NephJC <http://t.co/jjjhbBqUG1>

Tue Dec 2 19:18:44 PST 2014

professor_ape

RT @NephJC: Low K diets associated with increased hypertension and stroke, not a great option. #nephjc

Tue Dec 2 19:19:19 PST 2014

emlitofnote

RT @NephJC: Termination of Kayexalate vs placebo. Like I said, No Resins. Never. #NephJC <http://t.co/jjjhbBqUG1>

Tue Dec 2 19:19:40 PST 2014

weddellite

don't you "no resin" guys lie in bed and tell the surgeons to give more kayexalate? Like I do? Or you just go in and do HD? [#nephjc](#)

Tue Dec 2 19:20:31 PST 2014

kasiahamptonmd

RT [@NephJC](#): Termination of Kayexalate vs placebo. Like I said, No Resins. Never. [#NephJC](#) <http://t.co/jijhbBqUG1>

Tue Dec 2 19:30:01 PST 2014

ultrasoundmd

RT [@NephJC](#): Termination of Kayexalate vs placebo. Like I said, No Resins. Never. [#NephJC](#) <http://t.co/jijhbBqUG1>

Tue Dec 2 19:32:21 PST 2014

terrysmith

Anyone interested in \$zsph should check out [#NephJC](#) tonight.

Tue Dec 2 19:32:52 PST 2014

bradloncar

RT [@TerryMSmith](#): Anyone interested in \$zsph should check out [#NephJC](#) tonight.

Tue Dec 2 19:33:57 PST 2014

mitchpage3

RT [@NephJC](#): Termination of Kayexalate vs placebo. Like I said, No Resins. Never. [#NephJC](#) <http://t.co/jijhbBqUG1>

Tue Dec 2 19:41:12 PST 2014

ermentor

RT [@NephJC](#): Termination of Kayexalate vs placebo. Like I said, No Resins. Never. [#NephJC](#) <http://t.co/jijhbBqUG1>

Tue Dec 2 19:41:15 PST 2014

gabyblech

RT [@NephJC](#): Termination of Kayexalate vs placebo. Like I said, No Resins. Never. [#NephJC](#) <http://t.co/jijhbBqUG1>

Tue Dec 2 19:41:27 PST 2014

hswapnil

RT [@signindoc](#): Very good [#NephJC](#) [@kidney_boy](#) [@hswapnil](#) Thanks to the authors in who let themselves be enticed on to the web

Tue Dec 2 19:59:39 PST 2014

hswapnil

RT [@NephJC](#): Low K diets associated with increased hypertension and stroke, not a great option. [#nephjc](#)

Tue Dec 2 20:00:18 PST 2014

hswapnil

RT [@edgarvlrmamd](#): [@kidneysingh](#) [@nephondemand](#) Also, SPS has questionable safety, poor GI tolerability and reports of GI toxicity [#NephJC](#) ht...

Tue Dec 2 20:00:51 PST 2014

hswapnil

"[@kidneysingh](#): [@nephondemand](#) [@edgarvlrmamd](#) lot of patients already on diuretics, and had fairly advanced CKD" [#NephJC](#)

Tue Dec 2 20:01:08 PST 2014

hswapnil

"[@kidneysingh](#): not sure if the use was similar across arms. Again, the study design for new drugs is as per FDA recommendation" [#NephJC](#)

Tue Dec 2 20:01:46 PST 2014

"[@NavTangri](#): [@DavidJuurlink](#) How robust was your odds ratio to misclassification bias, did

hswapnil

you do addtl sens analyses" #NephJC

Tue Dec 2 20:02:48 PST 2014

hswapnil

Clinical inertia is a gr8 defence "@KatieKwonMD Vioxx, Propulsid, Avandia. And I've only been in practice 10 years. #ihateneewdrugs #nephjc"

Tue Dec 2 20:03:32 PST 2014

hswapnil

. @KatieKwonMD inertia as a safeguard: why not to be an early adopter - <http://t.co/vF2b10G7n2> #NephJC

Tue Dec 2 20:06:05 PST 2014

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RT @edgarvlermamd: @DrRaymondHsu NEJM and JAMA ZS-9 Study Designs respectively #NephJC <http://t.co/6cOVO5n5qC>

Tue Dec 2 20:06:33 PST 2014

hswapnil

RT @Nephro_Sparks: fantastic #nephjc Thanks @kidney_boy for hosting. @Eoinrenal for the great writeup on @RenalFellowNtwk and @NephJC now p...

Tue Dec 2 20:06:44 PST 2014

hswapnil

RT @brownpa79: +1 RT @weddellite: In these studies I contend they treated patients that no nephrologist would treat...CHEAP levels of K #ne...

Tue Dec 2 20:06:53 PST 2014

hswapnil

RT @NephJC: You guys are great. I'm going to eat a banana and wash it down with some tomato juice. #NephJC out! <http://t.co/2pyE9L4IZK>

Tue Dec 2 20:07:11 PST 2014

nephro_sparks

RT @hswapnil: . @KatieKwonMD inertia as a safeguard: why not to be an early adopter - <http://t.co/vF2b10G7n2> #NephJC

Tue Dec 2 20:07:36 PST 2014

renalfellowntwk

RT @NephJC: Holy potassium rich feces! Best #NephJC ever! <http://t.co/NcMIMaiQqU>

Tue Dec 2 20:07:58 PST 2014

joannagaleas

RT @edgarvlermamd: @DrRaymondHsu NEJM and JAMA ZS-9 Study Designs respectively #NephJC <http://t.co/6cOVO5n5qC>

Tue Dec 2 20:08:02 PST 2014

hswapnil

RT @NephJC: Holy potassium rich feces! Best #NephJC ever! <http://t.co/NcMIMaiQqU>

Tue Dec 2 20:08:19 PST 2014

hswapnil

Interesting info: "@TerryMSmith: @Hekmags @brownpa79 about \$20/dose I believe" #NephJC

Tue Dec 2 20:10:45 PST 2014

joannagaleas

RT @NephJC: You guys are great. I'm going to eat a banana and wash it down with some tomato juice. #NephJC out! <http://t.co/2pyE9L4IZK>

Tue Dec 2 20:12:50 PST 2014

pariktank

RT @hswapnil: . @KatieKwonMD inertia as a safeguard: why not to be an early adopter -

<http://t.co/vF2b10G7n2> #NephJC

Tue Dec 2 20:15:09 PST 2014

edgarvlermamd

@Nephro_Sparks Future: Efficacy/ safety of ZS over LONGER TIME PERIODS & ADDITIONAL PATIENT POPULATIONS #NephJC <http://t.co/siBJ6njww8>

Tue Dec 2 20:33:21 PST 2014

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