

The New York Times.

THE WEATHER

Local showers today; Tuesday, fair; fresh, shifting winds, becoming northwest.
For full weather report see Page 17.

NEW YORK, MONDAY, JUNE 29, 1914.—EIGHTEEN PAGES.

ONE CENT In Greater New York, Jersey City and Newark. Elsewhere TWO CENTS.

FLYING IN AIR 21 HOURS.

Aviator's Feat Held to be a World's Record.
LIN, June 28.—Herr Landmann, aviator, today concluded a non-stop flight of 21 hours 43 minutes. He asserted that this flight constituted a world record.

DEWEY IN CANAL PARADE.

Be Invited to Make Trip Aboard His Old-Flagship Olympia.
Special to The New York Times.
WASHINGTON, June 28.—Admiral Dewey may take his old flagship, Olympia, through the Panama Canal March in the naval parade. Rear Admiral Clark, retired, has been ordered to

FEDERALS DESERT AGUASCALIENTES

Next Big Town South of Zacatecas Is Evacuated by Huerta's Forces.

CARRANZA - HUERTA DEAL?

American, Reaching Vera Cruz, Reports Deal May Be On in

Propose Pan-American Memorial to Columbus

A splendid tomb topped by a great light is proposed to be erected in Santo Domingo, in the Caribbean Sea, by subscriptions from peoples of all lands. See NEXT SUNDAY'S TIMES.

OUR GUNS FIRE ON SANTO DOMINGO

HEIR TO AUSTRIA'S THRONE IS SLAIN WITH HIS WIFE BY A BOSNIAN YOUTH TO AVENGE SEIZURE OF HIS COUNTRY

Francis Ferdinand Shot During State Visit to Sarajevo.



Archduke Francis Ferdinand and his Consort the Duchess of Hohenberg

Insulto naujienos.

... probably take the place of their an-
cruise.
e Oregon and the Olympia will be
ered at a specially constructed wharf
will be on exhibition throughout the
re exposition. Behind them will be
nored seven typical modern naval
s—a dreadnought, a battleship of the
Oklahoma type, a Minnesota type, an ar-
ed cruiser of the Tennessee or Mon-
e type, one of the three scout cruis-
a destroyer, a submarine, and a col-
each of the latest build. In addi-
the entire Atlantic Fleet will re-
throughout nearly the whole of the
osition.
either Admiral Dewey nor Rear Ad-
al Clark has been aboard his ship
e relinquishing their commands
rtly after the close of the Spanish-
merican war.

NEW GAME FOR BROADWAY.

Auto Owners Hope Trundling
Tires Won't Become Popular.
arry E. Sullivan with his brother
l two women rode up to Shanley's
restaurant, in West Forty-third Street,
t evening in a limousine auto with a
ew white tire strapped like a life pres-
to the back. Two men who had
appearance of chauffeurs came
n the street after the owners of the

June 28.—Aguascalientes, capital of the
States of the same name, has been evacuated
by the Federals, according to in-
formation reaching Gen. Villa's head-
quarters today.
Owing to this, his plan of campaign
has been changed, and the troops of the
division are returning to Torreon.
Part of the division left last night.
The rest will leave for the north today.
Gen. Villa will follow his troops during
the day. Last Wednesday it was an-
nounced that the Villa troops would be
taken toward Aguascalientes overland.
Late reports show that the losses of
the Federals here were much greater
than at first supposed. The number of
prisoners taken by Villa's troops exceed
4,300. The number of killed was close
to that figure.
The latest casualty report of the Con-
stitutionalists was over 700 dead and
1,100 wounded, but these figures are not
complete.

Special to The New York Times.
EL PASO, June 28.—A message was
received today stating that 2,000 Fed-
erals, fleeing from Zacatecas toward
San Luis Potosi, had been overtaken
by Gen. Benavide, head of the Zaragoza
brigade, and had been decisively de-
feated at Salinas, a point about mid-
way between Zacatecas and San Luis
Potosi. Four hundred Federals were
killed or wounded, according to the

Attack on Rebels There—retrograde Taken Off by Our Boats.

Special to The New York Times.
WASHINGTON, June 28.—Following
general instructions from the Navy De-
partment to protect the lives and prop-
erty of Americans and foreigners in
Santo Domingo, the little American gun-
boat Machias on Friday afternoon en-
tered the inner harbor of Puerto Plata,
and with a few shots from her main
battery silenced a battery of President
Bordas's forces that was bombarding
the town.
The bombardment was in violation of
emphatic orders from Capt. Russell,
commanding the American squadron,
that the attack on the city, which is
in the hands of rebels, be conducted in
such a way as not to imperil the lives
of foreigners.
Capt. Russell is in personal command
of the first line battleship South Caro-
lina, that was detached from service at
Vera Cruz when conditions in Santo Do-
mingo became threatening. His dispatch
to the department, which, like all dis-
patches from Santo Domingo, took two
days to come, makes no mention of
casualties. His dispatch follows:
PUERTO PLATA, June 28, 1914.
This afternoon, about 3:30, when the
Bordas artillery shore fired shells into
the city of Puerto Plata, the Machias an-
chored in the inner harbor and with some

Special Cable to The New York Times.
SARAJEVO, Bosnia, June 28, (By

SLAIN IN SECOND ATTEMPT

Lad Dashes at Car as the Royal
Couple Return from Town Hall
and Kills Both of Them.

LAI TO A SERVIAN PLOT

Heir Warned Not to Go to Bos-
nia, Where Populace Met
Him with Servian Flags.

AGED EMPEROR IS STRICKEN

Shock of Tragedy Prostrates Fran-
cis Joseph—Young Assassin
Proud of His Crime.

DAY
e First
ide a
to.

Archduke Francis Ferdinand and his Consort the Duchess of Hohenberg

Givi Lengvenis, Aleksandra Gavrilova. VULSK.

vinist, and made no concealment of
his sympathies with the King of Ser-
via. Both he and the actual murderer
of the Archduke and the Duchess ex-
pressed themselves to the police in the
most cynical fashion about their
crimes.

Town Hall, intending to visit those
who had been injured by the bomb,
when a schoolboy 19 years old, named
Prinzip, who came from Grahovo,
fired a shot at the Archduke's head.
The boy fired from the shelter of a
projecting house.

BRAVERY OF ARCHDUKE.

Gave First Aid to Those Wounded
by the Bomb.

Nuo 1990 iki 2010 insultą persirgusių žmonių skaičius padvigubėjo. Šiuo metu ~ 33 mln žmonių. Prognozuojama, kad 2030 m. bus 70mln pacientų, persirgusių insultą.

- **Insulto skyriai (*Stroke units*)**
- **Intraveninė trombolizė**
- **Išeminio insulto endovaskulinis gydymas**

- ***Smegenų arterijų aneurizmų ir AVM intervencinis gydymas***
- ***Dekompresinė kraniektomija, esant plačiam GSI VSA baseine.***



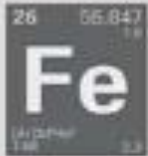
Insulto gydymo organizacijos ypatybės: Insehsptital, Bern.

- Intensyvi palata priėmimo skyriuje.
- MRT (slaugytoja su IVT reikalingomis priemonėmis).
- DNT - ~30min
- Insulto skyriuje:
- Pacientai lieka ~72val.
- FMR procedūros prasideda I dieną.
- Visiems su veido paralyžiumi atliekamas disfagijos screening'as.
- ~ visiems atliekama TEE.
- Po 3 ir 6 mėn. – 7d. Holter monitoravimas.
- Slaugytojos atlieka sutrumpintą NIHSS.

- Orientacija
- Veidas
- Artikuliacija
- Jutimai
- Galūnių jėga

PRACTICAL EVIDENCE-BASED MEDICINE

IMPLEMENTING E.B.M. IN THE E.D.



Irony.

P.I.C.O.

HOW EBM?

5. THE PATIENT

4. DISTRACTION

3. EBM FAILS

2. EBM LIMITS

1. NO EVIDENCE

WHY NOT EBM?

5. COST

WHY NOT EBM?

1. There is no evidence that evidence-based medicine works.

THAT WAS AWKWARD!

„KT pakanka“ vs. „Mums reikia MRT!“

- MRT – ne **urgentinis** tyrimas?
 - **Laikas** – ~15 min.
 - **Judesiai** – retai problema;
 - **Implantai** – greita atranka;
 - Nepakeičiamas, kai **nežinomas** insulto laikas!
 - Koks KT protokolas **optimalus**?
 - Kai <6 val. – KT ASPECTS + KTA;
 - ASPECTS ≥ 6
 - Daugiafazė KTA – kolateralių vertinimui.
 - Pridėti KTP, kai >6 val.
- KTP gali atmesti pacientus, tinkamus EVT gydymui*

- INR $\geq 1,7$;
- Nuo NOAC vartojimo praėjo < 24 val.;
- ADTL ≥ 2 kartus viršija viršutinę normos ribą arba nuo paskutinės MMMH dozės praėjo < 12 val.;
- Plt $< 100 \times 10^9/l$ ($< 100\ 000/mm^3$);
- per paskutines **10 dienų** punktuota kraujagyslė, kurios neįmanoma užspausti;
- nėštumas arba gimdymas per pastarąsias **10 dienų**.
- kraujavimas iš virškinamojo trakto ar šlapimo takų per pastarąsias **3 sav.**;
- didelės apimties chirurginė operacija, insultas, intrakranijinė operacija arba sunki galvos trauma per pastaruosius **3 mėn.**;
- nekontroliuojama arterinė hipertenzija;
- gliukozės koncentracija kraujyje **$< 2,8$ mmol/l arba $> 22,3$ mmol/l**;
- **≥ 24 balai NIHSS**;
- traukuliai insulto pradžioje;
- intrasmegeginė kraujosruva anamnezėje;
- AVM arba nustatyta neplyšusi intrakranijinė aneurizma;
- hemoraginė diatezė arba hemoraginė retinopatija;
- sunki kepenų liga;
- bakterinis endokarditas, perikarditas;
- ūminis pankreatitas;
- vėžys su padidinta kraujavimo rizika;
- lydinti liga, kuri reikšmingai apsunkina gyvenimo prognozę.

Amžius



Laikas

- Rytinis insultas
- A. basilaris trombozė: mirštamumas, gydant konservatyviai – 100 proc.

The prediction no: 3
Time window for stroke treatment



has been a funny idea from the beginning – skipped.

Žemas NIHSS – ar galime būti ramūs?

Žemas NIHSS (<6)

KTA ir kai
žemas
NIHSS!

Distalinė okliuzija



?

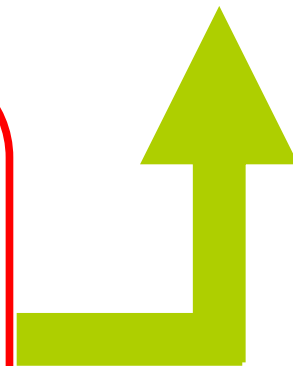


Būklė gerėja

Proksimalinė okliuzija +
geros kolateralės



EVT



- 54 m. vyras, atvyko į PS, praėjus 1 val. nuo simptomų pradžios.
- Vidutinė dizartrijs, lengva centrinio tipo prozoparezė dešinėje. NIHSS – 2b.
- Gretutinės ligos: PAH, reguliariai vartoja tb. Metoprololi 47,5mg/d.
- Kitomis ligomis neserga, skundų neturi, pirmą kartą pateko į ligoninę.
- Tyrimai pagal trombolizės protokolą – n.y.

Jūsų veiksmai?

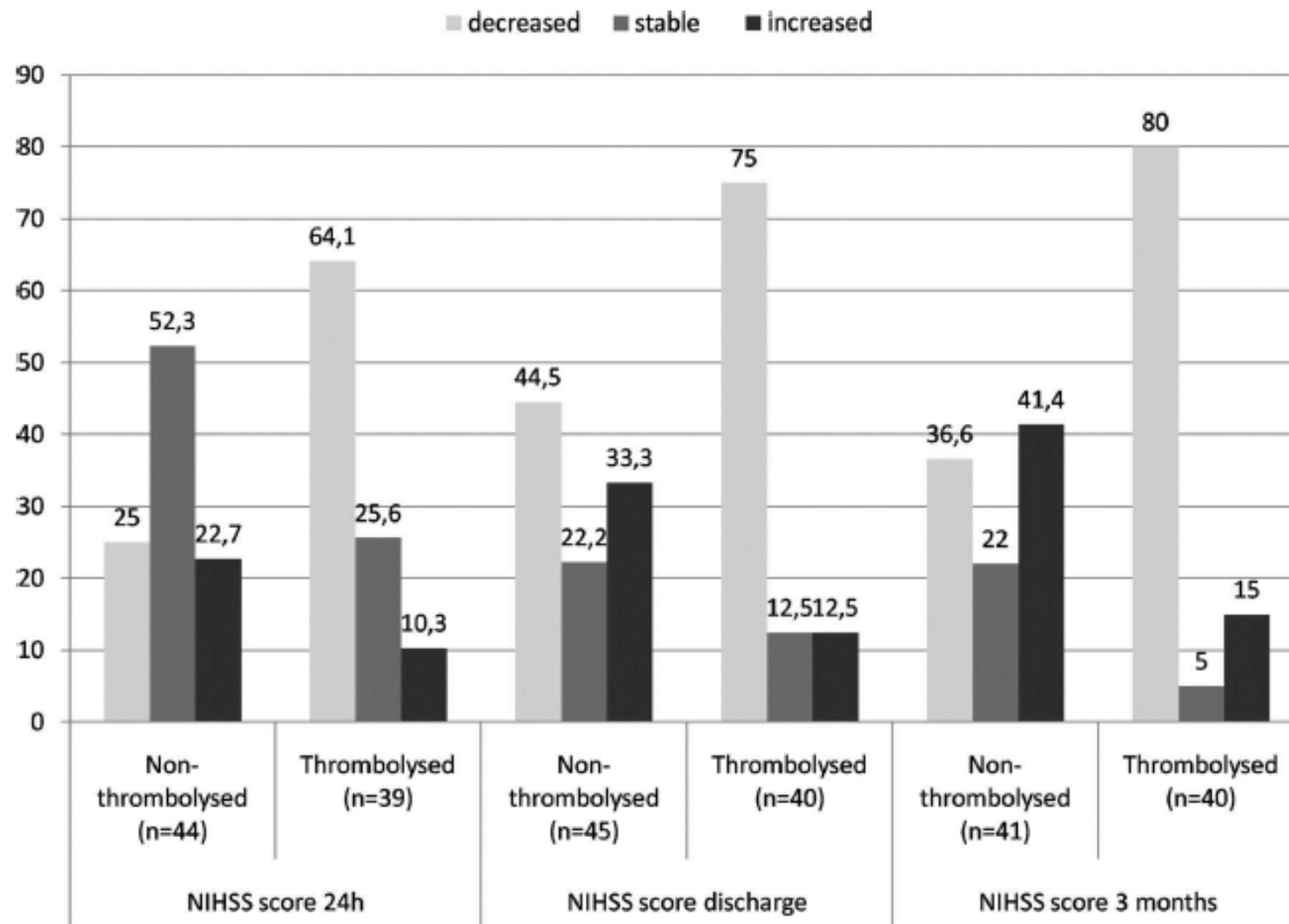
- a) KT su angiografijos ir perfuzijos režimu, nes idealiai taip turi būti tiriamas bet koks insultas.
- b) Natyvinė KT, prieš guldant į skyrių konservatyviam gydymui (per mažas NIHSS).
- c) Natyvinė KT, kad būtų trumpesnis DNT – vykdysiu trombolizę nepriklausomai nuo NIHSS.
- d) Skambinsiu prof. Jatužiui.

NIHSS

ESANT MAŽAM NIHSS, BŪTINA ĮVERTINTI STAMBIAS KRAUJAGYSLES!



Percentage of decreased, stable and increased National Institutes of Health Stroke Scale score after 24 h, at discharge and after 3 months.



Mirjam R Heldner et al. J Neurol Neurosurg Psychiatry 2015;86:755-760

Endovaskulinės terapijos metodai

- **DAC** → aspiracija ~4 min.;
- Rekanalizacija pasiekta – atvejis baigtas;
- Rekanalizacijos pasiekti nepavyksta/nepilna rekanalizacija → per **DAC** įvedamas mikrokateris → **atitraukiamasis stentas**.



„Bridging“: argumentai už ir prieš.

Pro:

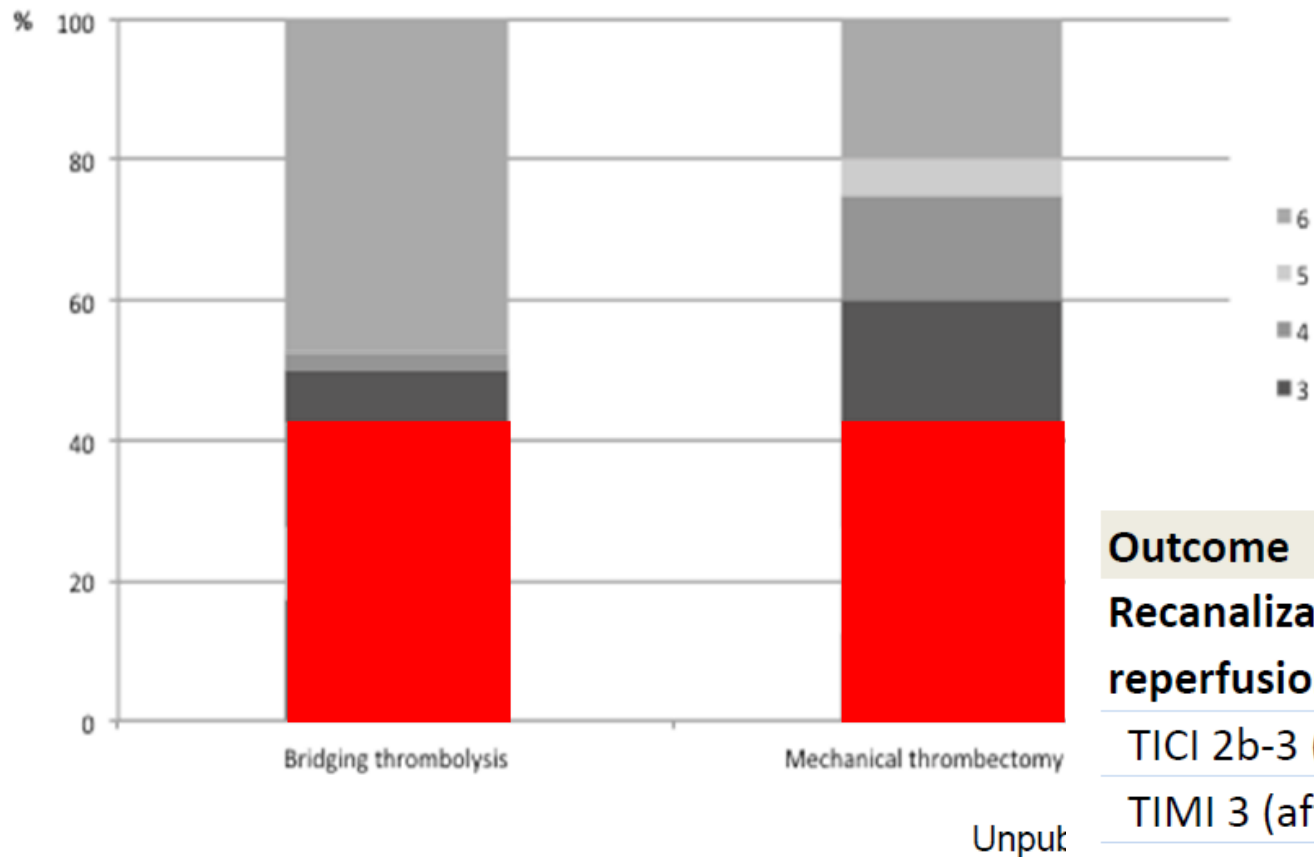
- IVT galima pradėti anksčiau;
- Galbūt pagerina rekanalizaciją;
- Gali pagerinti smulkesnių kraujagyslių reperfuziją.

Contra:

- Stambių kraujagyslių okliuzija: blogi rezultatai (trombas >8mm);
- Distalinė trombo migracija;
- Komplikacijos: kraujavimas, angioedema;
- Daugiau kontraindikacijų IVT;
- Brangiau.



Matched case-control analysis: mRS after 3 months



	Bridging n=40	MT n=40	p
Outcome			
Recanalization / reperfusion			
TICI 2b-3 (after EVT), n	31 (77.5)	35 (87.5)	0.3877
TIMI 3 (after EVT), n (%)	28 (70)	28 (70)	1.0
TIMI 3 (24h), n (%)	17 (42.5)	22 (55)	0.125
Bleeding Complications			
sICH, n (%)	1 (2.5)	1 (2.5)	1.0
aICH, n (%)	14 (35%)	5 (12.5%)	0.0225
Systemic bleeding, n (%)	5 (12.5)	0	0.0625

Anestezijas svarba

- Bendroji anestezija vs. sedacija
 - Distālā intervencija (M2, M3);
- Procedūros metu **SKS** ne maļiau **140 mmHg!**



- **Invazīnis** KS monitoravimas (4F introdiuseris j kontralaterālā kirķšņj)



- (Neuro)Anesteziologas – **komandos narys.**

Anestezijos svarba

- Bendroji anestezija vs. sedacija

- **ClinicalTrials.gov**
A service of the U.S. National Institutes of Health
- **Pro Sedation vs. Intubation for Endovascular Stroke Treatment (SIESTA)**
This study is currently recruiting participants. (see Contacts and Locations)
Verified February 2016 by University Hospital Heidelberg
Sponsor:
University Hospital Heidelberg
Information provided by (Responsible Party):
Dr. Silvia Schönenberger, MD, University Hospital Heidelberg
ClinicalTrials.gov Identifier:
NCT02126085
First received: April 23, 2014
Last updated: February 28, 2016
Last verified: February 2016
History of Changes

- **Inv** Dr. Silvia Schönenberger, MD, University Hospital Heidelberg

kontralateralinę kirkšnij)



- (Neuro)Anesteziologas – komandos narys.

Ateities perspektyvos

- 1.) Inicijuoti Europos ligoninėse apklausą apie Insulto centrus ir skyrius.
- 2.) Stiprinti bendradarbiavimą su neuroradiologais.
- 3.) Pradėti insulto skyrių sertifikavimo procesą.



Ateities prognozės

- **Daugiau** pacientų bus taikoma revaskuliarizacinė terapija (nežinomas insulto laikas [rytiniai insultai], platūs GSI ir kt.);
- Endovaskulinės terapijos priemonių evoliucija **ribota**;
- Tobulės atrankinis **vaizdinimas** (pvz. OEF magnetinės jutės sekose, automatinio atpažinimo programinė įranga);
- Pacientai endovaskulinei terapijai **tiesiogiai** keliaus į operacinę („Flat panel CT“).

Ačiū už dėmesį!

