



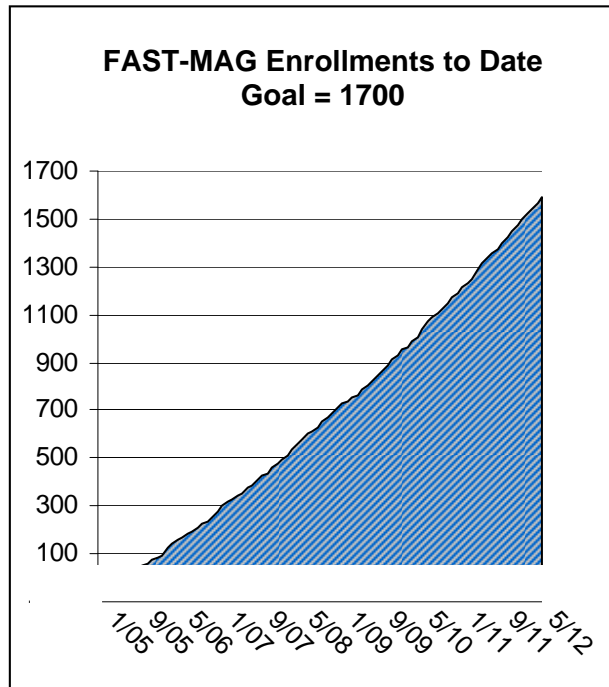
FAST-MAG Enrollment and TPA Use in Appropriate Stroke Patients

There is currently only one approved medication to treat ischemic stroke: the clot-dissolving medicine *tissue plasminogen activator* (TPA). TPA is used at a very low rate in the United States and thus is not used as often as it could be. FAST-MAG patients are receiving TPA at rates higher than the national average. A recent analysis found that 37% of FAST-MAG ischemic stroke patients received TPA. This high treatment rate will allow FAST-MAG to identify potential synergistic benefits of magnesium and TPA. In addition to the core aspect of FAST-MAG, which is to test the role of magnesium in the management of acute stroke, FAST-MAG promotes public and professional education through programs, such as UCLA Brain Attack! Symposium and UCLA Stroke Force, a student outreach program on stroke.

Enrollments by EMS Agency — Through June 30, 2012

| | |
|---------------------------------|-----|
| Los Angeles City FD | 585 |
| Los Angeles County FD | 523 |
| Long Beach FD | 69 |
| Torrance FD | 55 |
| Pasadena FD | 47 |
| Santa Monica FD | 41 |
| Glendale FD | 24 |
| La Verne FD | 24 |
| Orange Co. Fire Authority | 24 |
| Burbank FD | 23 |
| Redondo Beach FD | 17 |
| Manhattan Beach FD | 15 |
| Arcadia FD | 14 |
| Downey FD | 14 |
| San Marino FD | 13 |
| West Covina FD | 12 |
| South Pasadena FD | 11 |
| Culver City FD | 9 |
| Compton FD | 8 |
| El Segundo FD | 8 |
| Monrovia FD | 8 |
| Fullerton FD | 8 |
| Newport Beach FD | 5 |
| Beverly Hills FD | 4 |
| Montebello FD | 4 |
| Hermosa Beach FD | 3 |
| Huntington Beach FD | 3 |
| Santa Fe Springs FD | 3 |
| Monterey Park FD | 3 |

| | |
|--------------------------|---|
| Brea FD | 3 |
| Alhambra FD | 2 |
| San Gabriel FD | 2 |
| Sierra Madre FD | 2 |
| Fountain Valley FD | 2 |
| City of Vernon FD | 1 |
| Garden Grove FD | 1 |
| Laguna Beach FD | 1 |



PARAMEDIC HALL OF FAME: March 1 through June 30, 2012

| | | |
|----------|---|-------------------------------|
| 03/01/12 | Daniel Cates Chris Bauman | LAFD RA 95 |
| 03/02/12 | Mike Larkin Cliff Snider Rob Crew | South Pasadena FD RA 81 |
| 03/04/12 | Kevin Frank Henry Hsieh | LAFD RA 11 |
| 03/04/12 | Jim Bowser Scott Bissonnette David Sewer | OCFA EM 62 |
| 03/05/12 | Ryan Caines Christian Miller Jessica Schuman Jonathon Oron | Pasadena FD RA 34 |
| 03/05/12 | Jeff Rodriguez Dennis Oligschlager | LAFD RA 62 |
| 03/05/12 | Paul Frederick Joel Whipp | Huntington Beach FD Eng 44 |
| 03/06/12 | Erick Clements Omid Kianersi Frank Quinones Jim Goldstein | Burbank FD RA 11 |
| 03/07/12 | Jason Sutliff Dave Tannehill | San Marino FD RA 91 |
| 03/08/12 | Frank Ondatje Steve Yoder Jeff Wilk Ken Singleton | LA Co FD RS 118 |
| 03/09/12 | Shin Black John Dickey | LAFD RA 102 |
| 03/09/12 | Mark Soto Sergio Sanchez | LAFD RA 77 |
| 03/09/12 | Joel Entreken Mark Wheeler Eddie Rodriguez | LA Co FD RS 49 |
| 03/13/12 | Claren McAlister Jerad Bailey Brett Rusling Rigo Martinez | LA Co FD RS 47 |
| 03/14/12 | Evan Brooks Brian Quinn Craig Valentino | LAFD RA 34 |
| 03/16/12 | Carlos Mata Scott Wilcox | Downey FD RA 641 |

| | | |
|----------|--|---------------------------|
| 03/17/12 | Robert Coons Josh Such Joe Aki | Torrance FD RS 94 |
| 03/22/12 | Kelly Conte Steve Martin | Newport Beach FD NM 65 |
| 03/23/12 | Paul Mercado Stan Miner | LAFD RA 61 |
| 03/24/12 | Dave Chavez Rick Shortle | LAFD RA 38 |
| 03/27/12 | J. Phipps D. Phillips B. Scott | Monrovia FD RS 101 |
| 03/29/12 | Bryan Howard Phillip Watson | LAFD RA 19 |
| 03/31/12 | Tim Finn Bradley Yocum | LA Co FD RS 71 |
| 04/03/12 | J. Connolly R. Russell C. Thompson | La Verne FD RA 61 |
| 04/03/12 | Chris Koch Mike Brooks | Torrance FD RS 95 |
| 04/04/12 | Brett Rusling Loken | LA Co FD RS 47 |
| 04/04/12 | Octavio Medina Jose Aguirre Levi Medina | Santa Ana FD SAM 1 |
| 04/04/12 | Justin Crosson Milo Garcia | Santa Monica FD Eng 3 |
| 04/06/12 | Andrew Bailey Blaine Morgan Nohl Perrizo | OCFA MV 4 |
| 04/06/12 | Jeremie Bellendir Chris Watson Dexter McDaniels | LAFD RA 264 |
| 04/07/12 | Jim Beach Brian Halley | LAFD RA 107 |
| 04/07/12 | Daniel Kaminsky Gregory Davis | LAFD RA 68 |
| 04/08/12 | Jon Heller Scott Clark | LA Co FD RS 73 |
| 04/13/12 | Ryan Cooke Carlos Rocha Jamie Newton Kyle Mochizuki | Fullerton FD Eng 2 |

| | | |
|----------|--|----------------------|
| 04/16/12 | Sam Galvan Delero Backner | LAFD RA 65 |
| 04/18/12 | Bryan Howard Phillip Watson | LAFD RA 19 |
| 04/18/12 | Francisco Lomeli James Simpson | LA Co FD RS 131 |
| 04/18/12 | Ben Sheen Jason Roelling | LA Co FD RS 33 |
| 04/25/12 | Shawn Youngblood Chris Bohannon | Downey FD RA 642 |
| 04/27/12 | Scott Anderson Robert Ponce | LAFD RA 104 |
| 04/27/12 | Kevin Frank Preston Newman | LAFD RA 11 |
| 04/29/12 | S. Stacy M. Patterson | OCFA MV 21 |
| 04/29/12 | Malachi Upshaw Tim Finn | LA Co FD RS 51 |
| 04/30/12 | David Michel Ruben Ruvalcaba | LA Co FD RS 28 |
| 05/01/12 | David Faulkner Gregory Hoon | LAFD RA 98 |
| 05/03/12 | Edward Hechanova Mike Samudio | LAFD RA 55 |
| 05/04/12 | Chris Guerrero Kyle Houk | Brea FD FS 1 |
| 05/05/12 | Nicole Olsen Trey Sorensen Mike Fera Chris Ramsteel | Pasadena FD RA 34 |
| 05/05/12 | Daniel Ward Taylor Fernsten | LA Co FD RS 19 |
| 05/07/12 | John Davis John Muro | LA Co FD RS 90 |
| 05/07/12 | Jeff Halloran Paul Finger | LAFD RA 89 |
| 05/09/12 | Brent Nunez Bill Perez | Torrance FD RS 94 |
| 05/12/12 | Trey Glennon Ken Wigchert | LAFD RA 13 |
| 05/12/12 | Mike Curtis Doug Dodge | OCFA EM 22 |
| 05/14/12 | Sean Welch Warren Quack | LAFD RA 57 |

| | | |
|----------|--|--------------------------|
| 05/15/12 | Brian Knight Brian Smith | LA Co FD RS 98 |
| 05/16/12 | Sam Ruiz Justin Crosson Frank Evaro | Santa Monica FD Eng 4 |
| 05/16/12 | Mike DeLeon Darren Roberson Scott Wiedensohler | OCFA EM 72 |
| 05/18/12 | James Sundermann Andrew Schmad | LAFD RA 66 |
| 05/18/12 | Anton Martinez Gabriel Batriz | LAFD RA 100 |
| 05/18/12 | Humberto Agurcia Jerry Abbott | LA Co FD RS 118 |
| 05/19/12 | David Bowman Jim Maxfield Aaron James | LA Co FD RS 124 |
| 05/24/12 | Mike Mattison Rick Eggleston | LAFD RA 72 |
| 05/24/12 | Sam Dominick Larry Campbell Kevin Palm | La Verne FD RA 62 |
| 05/24/12 | Jose Perez Ian Cooper Steve Alva | LAFD RA 33 |
| 05/25/12 | Nick Facer Travis Bonds Scott Diekmann | Torrance FD RS 94 |
| 05/29/12 | Jan Shwartz Chris DiValerio Josh Burton | LAFD RA 72 |
| 05/30/12 | Justin Morgan Ryan Needham | LAFD RA 43 |
| 06/01/12 | Dennis Bautista Tony Monsisvais | LA Co FD RS 41 |
| 06/03/12 | Ryon Jones Richard Puels | LAFD RA 21 |
| 06/03/12 | Brent Ruff Dan Ramirez | LAFD RA 90 |
| 06/04/12 | Bill Crow Marc Vellucci | OCFA MV 4 |
| 06/04/12 | Shawn Stacy Michael Patterson | OCFA MV 21 |

| | | |
|----------|--|-------------------------------|
| 06/05/12 | Christopher Sagara Mateo Sarabia | LAFD RA 41 |
| 06/06/12 | Chad Wells Geoff Dayne Chad Van Meetgren | Santa Fe Springs FD Eng 84 |
| 06/07/12 | William Prabhu Ethan Burlingame | LAFD RA 37 |
| 06/08/12 | Elvira Sosa Anthony Hinojos | LA Co FD RS 20 |
| 06/09/12 | James Gorski Scott Arthur Dennis Ratcliffe | OCFA MV 57 |
| 06/11/12 | Mike Shepard Adam Bradley | LA Co FD RS 37 |
| 06/13/12 | Brad Sims Tony Bagan | Pasadena FD RA 31 |
| 06/13/12 | Chad Wronka Shaun Ranaud | LA Co FD RS 98 |
| 06/15/12 | Jason Roelling Joe Carvalho | LA Co FD RS 33 |

| | | |
|----------|-------------------------------------|-----------------------|
| 06/16/12 | Gregory Davis Stephen Spriggs | LAFD RA 68 |
| 06/16/12 | Nestor Rodriguez Paul Young | LAFD RA 66 |
| 06/17/12 | Andrew Mehr Steven Volz | Long Beach FD RA 9 |
| 06/20/12 | Matthew Rochman Chris Donahue | LAFD RA 33 |
| 06/23/12 | Jim Beach Keith Johnson | LAFD RA 107 |
| 06/24/12 | Steven Phillips Jorge Ostrovsky | LAFD RA 69 |
| 06/26/12 | Eduardo Serona Jeffery Bader | LAFD RA 107 |
| 06/27/12 | Jedd Sorenson Jim Duffy | LAFD RA 107 |

Total Enrollments to 6/30/2012 = 1,591

FAST-MAG QUICK GUIDE

1. Identify potential stroke patient.
2. Perform mLAPSS exam (goldenrod form).
3. If LAPSS exam positive, determine hospital destination as usual. Inform the MICN you have a *possible FAST-MAG patient*. Locate the hospital specific consent.
4. Introduce the study to the patient, or legally authorized representative. The enrolling MD will explain the study and answer all questions.
5. Call the FAST-MAG enrolling MD.
For **English**-speaking patients: **(310) 794-6069** • For **Spanish**-speaking patients: **(310) 794-3598**
If you are unable to speak to an enrolling MD, transport as usual. *MICNs and base hospital physicians may NOT order the study drug to be started.*
**** Do NOT open the drug kit until the enrolling MD tells you to do so ****
6. After the FAST-MAG enrolling MD confirms that the patient meets criteria and has obtained informed consent, have person who spoke with the doctor (patient or legally authorized representative) sign the green pages of the consent. Inform the enrolling MD after the pages are signed.
7. When the enrolling MD tells you to do so, open the drug kit. Remove the 50ml bag with the GREEN FIELD DOSE label and the special rate-limiting tubing.
8. After priming, open the green slide and hang the bag at least 3 ft above the patient.
****Must begin field dose before crossing the ED threshold ****
9. Complete transport of patient to hospital.
10. When you arrive at the hospital, complete the back page of the LAPSS form.
11. Give the completed LAPSS form, all pages of the signed consent, the 250ml hospital dose bag (yellow label) and a legible copy of the paramedic run sheet to the ED RN.