

VAL D'ISERE 2012
JANUARY 15-20

ABC-WIN

Luc PICARD

Serge BRACARD

Georges RODESCH

FINAL PROGRAM

**ABC WIN 2012
Scientific Sessions**

•Sunday 2012. 01.15 - ABC

Morning session	08:30 am - 11:00 am
Afternoon session	04:30 pm – 07.30 pm
Welcome cocktail	07:30 pm

•Monday 2012. 01. 16 - WIN

Morning session	08:00 am - 11:00 am
Afternoon session	04:00 pm - 08:00 pm

•Tuesday 2012. 01.17 - WIN

Morning session	08:00 am - 11:00 am
Afternoon session	04:00 pm - 07:00 pm
Gala Dinner	08:30 pm

•Wednesday 2012. 01. 18 - WIN

Morning session	09:00 am – 11:00 am
Afternoon session	04:00 pm - 08:00 pm

•Thursday 2012. 01.19 - WIN

Morning session	08:00 am – 11:00 am
WFITN General Assembly	04:00 pm – 05:00 pm
Afternoon session	05:00 pm – 08:00 pm

•Friday 2012. 01. 20 - WIN

Morning session	08:00 am - 11:00 am
Afternoon session	04:00 pm - 07:00 pm

Sunday 2012.01.15

Topic of the year: Basilar artery and Brain stem

Morning session: 08h30

Embryology and comparative anatomy of brain stem and brain stem arteries.

Tom Naidich – New York

last minute cancellation

Radioanatomy of brain stem vessels and perforators.

Serge Bracard - Nancy

Basilar artery, brain stem vessels and perforators: 3D vascular anatomy.

Philippe Mercier, Gilles Brassier – Angers, Rennes

Afternoon session: 16h00

Fusiform aneurysms and dolicho ectatic basilar arteries:

Natural history, pathophysiological and clinical considerations.

Gabriel Rinkel - Utrecht

Endovascular treatment.

Civan Islak – Istanbul

Mid-basilar aneurysms :

Pathophysiology and natural history.

Timo Krings – Toronto

Endovascular treatment: deconstruction versus reconstruction.

Jacques Moret - Paris

Brainstem. Reticulate substance and its functions

Tom Naidich - New York

last minute cancellation

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Scientific Sessions

Monday 16th: Morning session

Moderators: Jacques Dion, Emmanuel Houdart

MISCELLANEOUS

Optical coherence tomography which is a new technique enabling us to get endovascular imaging with a resolution of 10 microns.

Patrick A. Brouwer (The Hague – The Netherlands)

Major radiation dose reduction in digital subtraction angiography and digital fluoroscopy. First clinical results with a new reconstruction algorithm

Michael Söderman, Staffan Holmin, Tommy Andersson, Charlotta Palmgren, Drazenko Babic, Bart Hoornaert (Stockholm – Sweden)

How we use 3D angiography in the evaluation and endovascular treatment (EVT) of dural and epidural AVFs.

René Anxionnat, Anne Laure Derelle, Luc Picard, Serge Bracard (Nancy – France)

Balloon test occlusion (BTO) of the internal carotid artery: monitoring by parametric colour coding and perfusion imaging within the angio suite : first results.

Tobias Stuffert, Yu Deuerling-Zheng, Tobias Engelhorn, Philipp Gölitz, Stephan Kloska, Alessandro Bozzato, Arnd Doerfler (Erlangen – Germany)

Image guided direct puncture of vascular lesions using I guide.

Alex Berenstein (New York – USA)

Combined surgical and endovascular treatment of complex neurovascular diseases.

Yuichi Murayama, T. Ishibashi, R. Mori (Tokyo – Japan)

Preoperative embolization – Benefit or risk increase for the patient

Bernd Richling (Salzburg, Austria)

Translational research – Where we go?

Dae Chul Suh (Seoul – Korea)

How to label catheter material?

Thomas Mayer, Jena (Germany)

Monday 16th – Afternoon session

Moderators: Jurgen Reul – Michael Mawad

Cerebrovascular metastasis from an Atrial Myxoma

Michael Söderman, Magnus Thoren (Stockholm – Sweden)

Skin necrosis following Heparin infusion

Anil Karapurkar (Mumbai – India)

Child with an abdominal tumour

Per Undren (Lund – Sweden)

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Antiplatelets in 2012: ready to switch from clopidogrel to prasugrel or ticagrelor?
Lucie Thibault, Pharm.D.- USA-Canada

ANEURYSMS

Subarachnoid haemorrhage due to rupture of a basilar tip aneurysm two years after packing with Bare Platinum Coils

Arihito Tsurumi, Makoto Negoro, Shigeru Miyachi (Nagoya – Japan)

Long-term follow-up of a recurrent basilar artery tip aneurysm.

Maria Moersdorf (Trier – Germany)

Endovascular treatment of basilar tip aneurysm : hemodynamic change induced by coiling and stenting.

Makoto Negoro, K. Fukasaku, K. Irie, Y. Hirose (Nagoya – Japan)

Effect of flow diversion in intra-aneurysmal flow velocity in relation to flow diverter permeability

Istvan Szikora (Budapest – Hungary)

Going with the Flow: Effects of stent design on parent vessel branch perfusion after aneurysm treatment with flow diverters.

Tom. W. Peach, Y. Ventilos, Z. You, D. Zajarias-Fainsod (Oxford United Kingdom)

Evolution of aneurysm thrombosis following flow diversion

Istvan Szikora (Budapest – Hungary)

WEB intrasaccular flow-diverter for endovascular treatment of wide-necked bifurcation aneurysms.

Boris Lubicz, Benjamin Mine, Laurent Collignon, Denis Brisbois, Gary Duckwiler, Charles Strother (Brussels, Liège – Belgium ; Los Angeles, Madison – USA)

The WEB II intra-aneurysmal flow diverter : procedural and mid-term experiences in 11 patients.

J. Klisch, V. Sychra, C. Strasilla, F. Dorn, T. Liebig (USA)

Tuesday 17th - Morning session

Moderators: Shigeru Miyachi, Istvan Szikora

Aneurysm treatment with WEB device : First clinical experience.

Laurent Pierot, Krystof Kadziolka (Reims – France)

Initial experience with intrasaccular flow diversion using the WEB device

Szikora I, Berentei Zs, Marosfői M, Gubucz I. (Budapest – Hungary)

The LUNA™ Aneurysm Embolization System for Treatment of Intracranial Aneurysms

Raphaël Blanc, Michel Piotin (Paris- France)

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Stent assisted coil embolization and computational fluid dynamics simulations of bilateral vertebral artery dissecting aneurysms presenting with subarachnoid Haemorrhage.

Kenichi Kono, Aki Shintani, Yuko Tanaka, Ryo Yoshimura, Takeshi Fujimoto, Hideo Okada, Tomoaki Terada (Kinomoto-Wakayama – Japan)

Stent assisted coil embolization of basilar tip aneurysms with Y-stent configuration : clinical case reports and computational fluid dynamics simulations.

Kenichi Kono, Aki Shintani, Yuko Tanaka, Ryo Yoshimura, Takeshi Fujimoto, Hideo Okada, Tomoaki Terada (Kinomoto-Wakayama – Japan)

Flow diverters in bifurcation aneurysms

C Cognard, AC Januel, Ph Tall, F Bonneville (Toulouse, France)

First Clinical Experiences with the Acandis Neuro Closed Stent for Intracranial Aneurysms

Christian Taschner, Wolfgang Reith, Martin Schumacher, Frank Nagl, Werner Mailänder, Joachim Berkefeld (Germany)

Pipeline for complex vertebro basilar aneurysms. Complications and subsequent thoughts.

Adnan Siddiqui (Buffalo – USA)

Tuesday 17th – Afternoon session

Moderators: Eduardo Boccardi – Isil Saatci

Computational flow analysis of ICA Aneurysms with different clinical outcome treated with flow diverters

Civan Islak, Naci Kocer (Istanbul – Turkey)

Branch coverage with flow diverters: long term dangers

Eduardo Boccardi (Milano – Italy)

Solitaire stent as an adjunctive tool for Pipeline deployment in giant difficult aneurysms

N. Sourour, F. Clarencon, F. Di Maria, G. Wyse, N. Fanning, A. Gaston, S. Gallas (Paris, Creteil – France ; Cork –Ireland)

Embolization of hydrophilic material from devices used in conjunction with Pipeline, an association with delayed parenchymal haemorrhage

Stanley l. Barnwell (Portland, Oregon, USA)

"Spontaneous" thrombosis and haemorrhage after stent / flow diverter treatment of aneurysms-
Mauro Bergui (Torino, Italy)

Acute basilar thrombosis after FD stent deployment

Guglielmo Pero (Milano, Italy)

Immediate angiographic results of the first 64-wire flow diverter in an animal model

Christian Roth (Homburg, Germany)

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First experience with LVIS-device for stent assisted coiling for wide neck aneurysm
Ansgar Berlis, Olav Jansen, Jan Gralla, Werner Weber
(Augsburg, Kiel, Bern, Recklinhausen- Germany, Switzerland)

Pipe line retrospective European Multicenter study (PREMS)
P. Machi, E. Boccardi, M. Piotan, M. Isalberti, C. Mounayer, N.P. Nuzzi, M. Resta, E. Ciceri, S. Mangiafico, T. Boulanger, P. Goffette, N. Sourour, H. Brunel, F. Turjman, A. Biondi, A. Bonafe.

A long term follow up in surgically reconstructed unruptured complex MCA bifurcation aneurysm for discussion on dual stent assisted coiling as a treatment option of today.
S. Cekirge, K. Yavuz, S. Geyik, I. Saatci (Ankara – Turkey)

Stent assisted aneurysm treatment with a stent that can be deployed from a 10 microcatheter with a 0.017-inch ID : revolutionary change.
S. Cekirge, K. Yavuz, S. Geyik, I. Saatci (Ankara – Turkey)

Penumbra coil 400 system in treatment of large aneurysms
Karlis Kupcs (Riga, Latvia)

Clinical experience and lessons learned with the Penumbra PC400 large volume coil; improving the treatment of both large and small aneurysms.
Blaise Baxter, Steve Quarfordt

Single center experience with Penumbra Coil 400 system in a variety of neurovascular applications.
Oliver Beuing, A. Lenz, M. Skalej (Magdeburg – Germany)

Wednesday 18th – Morning session **Moderators: Civan Islak, Michael Söderman**

French preliminary experience with volumetric Penumbra 400 coils in the treatment aneurysms
N. Sourour, F. Clarencon, F. Di Maria, R. Anxionnat, S. Bracard, R. Blanc, M. Piotin, A. Bonafe, J. Berge (Paris, Nancy, Montpellier, Bordeaux – France)

European Experience with the Penumbra Coil 400™
Isabel Wanke, D. Rüfenacht, Z. Kulcsar, A. Doerfler, T. Struffert, R. Von Kummer, Kirchof, H. Nahser, S. Lamin, S. Chavda, A. Thomas, A. Gholkar, A. Casasco, L. Guimaraens, L. Lopez-Ibor, A. Gil, A. Perez-Higueras, M. Martinez-Galdamez, P. Saura Lorente, C. Di Paola, M. Bergui, A. Lunghi, M. Isalberti, R. Siekmann, P.W.A. Willems
(Essen, Dresden, Erlangen-Nuremberg, Kassel - Germany ; Zurich – Switzerland ; Liverpool, Birmingham, Newcastle – United Kingdom ; Madrid – Spain ; Treviso, Alessandria, Bergamo, Milano – Italy ; Leiden – Netherlands)

Comparison of treatment efficiency between the Penumbra Coil 400™ system and conventional coils in cerebral aneurysm embolization.
Ashwin Kamath, Maritsa Polykarpou, Aanand A. Patel, Sadev Parikh, Antonio Polanco, Henry Moyle, Aman B. Patel (New-York, USA)

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Redefining endovascular access for treatment of intracranial aneurysms.

Thomas Grobelny (Skokie –USA)

How would you have treated this aneurysm?

P Mosimann, JP Saint-Maurice, A Aymard, F Puccinelli, E Houdart (Paris, France)

Biomechanical wall properties of human intracranial aneurysms resected following surgical clipping (IRRA's Project)

Vincent Costalat (Montpellier – France)

Treatment of large bifurcation aneurysms using the kissing balloon technique : experience in 225 patients

René Chapot (Essen, Germany)

« The sheep technique » or how to avoid an exchange manoeuvre

René Chapot (Essen, Germany)

Balloon assisted coiling in Pica aneurysms by retrograde catheterization of the Pica

René Chapot (Essen, Germany)

Wednesday 18th – Afternoon session

Moderators: Pierre Gobin, Andy Molyneux

Moving coiled MCA aneurysm

P. Vanlangenhove, E. Dhondt, L. Defreyne (Gent – Belgium)

Large dissecting ACM aneurysm in a 2 months old girl : surgical or endovascular treatment ?

P. Vanlangenhove, E. Dhondt, G. Rodesch, L. Defreyne (Gent – Belgium)

Mirror dissecting aneurysms of both superior cerebellar arteries

Anil Karapurkar (Mumbai – India)

Single center experience in aneurysm treatment : 10 years of routine use of direct surgery and endovascular.

V. Benes, O. Bradac, M. Mohapl, F. Charvat (Praha – Czech Republic)

Unusual evolution of vertebro-basilar arteries spontaneous dissections – 4 cases.

Ronie L. Piske, Carlos Eduardo Baccin, Bruno Merlo Chaves, Gustavo Telles (Sao Paulo – Brazil)

An interesting complication in a giant basilar aneurysm after endovascular treatment with sole stenting.

I.Saatci, K. Yavuz, S. Geyik, S. Cekirge (Ankara – Turkey)

An interesting follow up course of Y stent flow diversion treatment for a giant and partially clotted basilar tip aneurysm with a mass effect.

I.Saatci, K. Yavuz, S. Geyik, S. Cekirge (Ankara – Turkey)

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We desperately need a bifurcation device for aneurysm treatment. We had it 10 years ago !!
S. Cekirge, I. Saatci (Ankara – Turkey)

Pathophysiology and efficacy of neuroendovascular therapy for pseudo-occlusion of the internal carotid artery
Tomoaki Terada, Yuko Tanaka, Ryo Yoshimura, Kenichi Kono, Hideo Okada, Takeshi Fujimoto, Aki Shintani (Wakayama City – Japan)

A novel three-dimensional clot removal device : histo-pathology results from a rabbit model
Axel Rohr, Olav Jansen (Kiel – Germany)

AVMs - AVFs

Initial experience with distal guide catheter placement in the treatment of cerebrovascular disease: clinical safety and efficacy.
Aquilla S. Turk, Raymond Turner, Imran Chaudry (South Carolina – USA)

Symptomatic developmental anomalies
Allan Taylor, David LeFeuvre (Cape Town – South Africa)

Abnormal angiogenesis after embolization + radiosurgery of AVM
Shigeru Miyachi, Takashi Izumi, Noriaki Matsubara, Takehiro Naito, Ken-ichi Haraguchi, Takashi Yamanouchi, Takumi Asai (Nagoya – Japan)

Can radiosurgery induce angiogenesis and be responsible for de novo arteriovenous shunts?
Georges Rodesch, Oguzhan Coskun, Anne Boulin, Stéphanie Condette-Auliac (Paris-France)

Thursday 19th - Morning session **Moderators: Dae Chul Suh, Saruhan Cekirge**

De novo AVM following radiation therapy
Gyula Gal (Odense – Denmark)

Primary IV Glycoprotein IIb/IIIa inhibitor and subsequent endovascular therapy “Bridging”
Therapy in acute vertebro-basilar Occlusion: Multicentre study in 120 patients
Bernd Eckert, Hamburg- Altona, Germany

Intracranial endovascular stent implantation of cerebral artery atherosclerotic stenosis
Daehyun Hwang, WooYoung Yoo, Yoomi Han, Insoo Kim, ChoonWoong Hur (Seoul – Korea)
Lariboisière experience in ARUBA (intermediate results)
E Houdart, JP Saint-Maurice, A Aymard, P Guedin, MA Labeyrie, D Bresson, C Stapf (Paris – France)

Onyx embolization of cAVM's : 6 months angiographic control after primary occlusion
Vanlangenhove E, Dhondt K, Defreyne (Gent – Belgium)

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Interest of microcatheter with long detachable tip for cortical AVM treated by Onyx injection.
E Houdart, P Mosimann, JP Saint-Maurice, MA Labeyrie
(Paris – France)

Better safety of Onyx over cyanoacrylate for transarterial embolization of dural AVF recruiting arteries of the ICA siphon & vertebral
E Houdart, T Abud, A Nguyen, P Guedin, JP Saint Maurice (Paris – France)

DAVF of the straight sinus: unusual approach.
Guglielmo Pero (Milano – Italy)

Technical evolutions in the treatment of dural fistulae using the venous remodelling technique
René Chapot (Essen - Germany)

Diagnosis and Endo vascular therapy of a complex dural AVF
Gyula Gal (Arhus - Denmark)

Preliminary experience with a new liquid embolic agent : the Squid
Gyula Gal (Arhus – Denmark)

"Embezzlement"
Zoltan Szatmary, Christina Iosif, Armand Aymard (Paris, France)

Thursday 19th - Afternoon session
Moderators: Alan Taylor, Alain Weil

De novo dural shunts in pial AVMs in children
Alex Berenstein (New York – USA)

De novo dural shunts in Vein of Galen malformations
Alex Berenstein (New York – USA)

Vein of Galen malformations results of endovascular treatment
Alex Berenstein (New York – USA)

The “Alex Sinus”. Observations in children with vein of Galen malformation
Dan Meila, Friedhelm Brassel, Alex Berenstein (Duisbourg Germany, New York USA)

The kissing microcatheter technique: A combined transarterial and transvenous approach to the treatment of Vein of Galen Malformation.
Friedhelm Brassel, Dan Meila, Raphaela Hannak, Martin Schlunz (Duisburg – Germany)

Cranial Doppler resistance index in Vein of Galen Malformation. An additional predictive factor for the outcome and timing? Preliminary results.
Dan Meila, Friedhelm Brassel, Kathrin Lisseck, Christian Loesch, Axel Feldkamp (Duisburg – Germany)

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Traumatic carotido-cavernous fistulas: is there still a role for treatment with detachable balloon?
Sirintara Pongpech, A. Churojana, P. Jiarakongmun (Bangkok – Thailand)

STROKE

What have we learned in 4 years of endovascular treatment of ischemic stroke.
Carlos Castano, P. Garcia, L. Dorado, R. Garcia, A. Davalos (Barcelona – Spain)

Thrombectomy : what we learned in the last years
René Chapot (Essen – Germany)

Real-time Stroke and therapy telemedicine system using cellular phone.
Yuichi Murayama, H.Takao (Tokyo – Japan)

Endovascular thrombectomy in acute ischemic stroke. Single center experience.
Karlis Kupcs, Helmut Kidikas, Janis Savlovskis, ndris Veiss, Arturs Bolodis (Riga – Latvia)

Endovascular revascularisation of chronic complete occlusion of the internal carotid artery.
Shigeru Nemoto (Tokyo – Japan)

Friday 20th - Morning session

Moderators: René Chapot, Gerhard Schroth

Ischemic complications on carotid artery stenting in the non-responder of clopidogrel.
Takashi Izumi (Nagoya – Japan)

Endovascular image guided microsurgical stroke therapy: experiences in 900 patients.
Gerhard Schroth (Bern - Switzerland)

The utilization of CT-perfusion guided patient selection for endovascular treatment of acute ischemic stroke is safe and effective.
Aquilla S. Turk (South Carolina – USA)

Delayed onset carotid cavernous fistula after cavernous ICA stenting for atherosclerotic disease and its complicated embolization procedure.
Shaji Marar (Mumbai – India)

Early ischemic stroke after carotid stenting with no cause found.
Anil Karapurkar (Mumbai – India)

Small hematoma after carotid stenting 2 weeks after stroke.
Anil Karapurkar (Mumbai – India)

Mechanical thrombectomy may cause de novo arterial stenosis
Hans Henkes, Wiebke Kurre, Hansjörg Bätzner (Stuttgart – Germany)

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Technical feasibility and application of mechanical thrombectomy with the solitaire FR revascularization device in acute basilar artery occlusion.

Pasquale Mordasini, Caspar Brekenfeld, James V. Byrne, Urs Fischer, Marcel Arnold, Mirjam Heldner, Rudolf Lüdi, Heinrich P. Mattle, Gerhard Schroth, Jan Gralla (Bern – Switzerland ; Oxford – United Kingdom)

Preclinical evaluation of recanalization efficacy and safety of a new thrombectomy retriever (pREset) for acute stroke treatment in a swine model of acute vessel occlusion.

Pasquale Mordasini, Caspar Brekenfeld, James V. Byrne, Urs Fischer, Marcel Arnold, Gerhard Schroth, Jan Gralla (Bern – Switzerland ; Oxford – United Kingdom)

First clinical results using the Mindframe capture LP 3 X 23mm thrombectomy device

Michael Söderman, Staffan Holmin, Tommy Anderson, Asa Kuntze-Söderqvist (Stockholm – Sweden)

Early European experience with the Penumbra 3D-separator : results of a novel revascularisation device.

Michael Knauth, Peter Schramm, Olav Jansen, Axel Rohr, Mansour Grand, Werner Weber, Christian Loehr, Arnd Doerfler, Tobias Stuffert, Philipp Goelit, Claus Zimmer, Sascha Prothmann, Tobias Boeckh-Behrens –(Goettingen ; Kiel ;Erlangen ; Munich – Germany ;Odense – Denmark)

Early revascularisation experience with the Aperio® clot retrieving device in the treatment of acute stroke.

Michael Knauth, Kai Kallenberg, Olav Jansen, Bernd Turowski (Goettingen; Kiel; Dusseldorf – Germany)

Analysis of 80 consecutive IAT procedures : should we accept partial recanalization ?

Geert Lycklama, Anouk Rozeman, Ido Van Den Wijngaard, Bas Van Der Kallen, Jelis Boiten (The Hague – Netherlands)

Friday 20th - Afternoon session

Moderators: Patrick Brouwer, Andy Clifton

A case of P1 dissection treated with thrombectomy resulting in SAH.

Geert Lycklama (The Hague – Netherlands)

Stroke patient with a heart mate device.

Per Undren, Mats Cronqvist, (Lund-Sweden)

THRACE study

Serge Bracard (Nancy – France)

Comment about CREST results.

Emmanuel Houdart (Paris – France)

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Comment about SAMMPRIS results
Emmanuel Houdart (Paris – France)

What predicts recurrent stroke risk in posterior circulation stroke? Outcome of endovascular treatment for symptomatic vertebral artery stenosis in 2 Neuroscience Centres. Update on the VIST study.

Andrew Clifton (London – Great Britain)

Recanalization with proximal protection in acute and subacute ICA occlusions.

Dae Chul Suh (Seoul – Korea)

Fluid structure interaction (FSI) of the right M1 stenosis before and after stenting.

Dae Chul Suh (Seoul – Korea)

Spinal cord

Embolization with Histoacryl, helped with electrophysiological monitoring and drug test of a pseudo aneurysm of a C1-2 intramedullary spinal cord AVM, fed by the anterior spinal artery.
Carlos Castano, P. Garcia, J. Coll, A. Martinez, R. Garcia, A. Davalos (Barcelona – Spain)

Spinal cord arteriovenous shunts of the ventral (anterior) sulcus: anatomical, clinical and therapeutic considerations.

Georges Rodesch, Shushi Kominami, Anton Krajina, Robin Sellar, Michaël Soderman, René Vandenberg, Hubert Desal, Stephanie Condette-Auliac (Paris – France)

Unusual spinal epidural AVF

Emmanuel Houdart (Paris – France)

Percutaneous laser disc compression versus conventional surgery. An RCT

Patrick Brouwer ((The Hague – Netherlands)

Consultation case

Dae Chul Suh (Seoul – Korea)

Venous or conversion?

Joost Bot (Amsterdam, Netherlands)

THE END