



7th IDKD Intensive Course in Asia – 第七届IDKD亚洲高级课程
Excellence in Teaching – 专注教学，精彩纷呈



Diseases of the Chest, Heart and Vascular System

心脏、血管系统及胸部疾病

May 26–28, 2017, Hong Kong, China
June 2–4, 2017, Beijing, China

2017年5月26–28日，中国 香港
2017年6月2–4日，中国 北京

An Interactive Course in Diagnostic Imaging – 影像诊断互动课程
Main Program

Concept – 概况

IDKD – International Diagnostic Course Davos – offers interactive teaching workshops presented by a highly qualified International Faculty **in English**. The annually changing courses are organ-based with the topics: Brain, Head & Neck and Spine – Chest, Heart and Vascular System – Abdomen & Pelvis – Musculoskeletal. IDKD is offering courses in Davos, Switzerland, Greece, Asia and South America. The participants will attend 12 different workshops, covering the medical imaging approach to the diagnosis of the diseases of the Chest, Heart and Vascular System. The instruction is in groups of 50–60 participants. During workshops, participants get a brief introduction to the subject, then study case material prepared by the instructors and finally, the instructors guide through the cases, discuss different diagnoses, present additional material and ask pertinent questions to the participants, soliciting active participation. The teachers can be easily approached during breaks to individually discuss unsolved problems. The participants are encouraged to bring their own laptop (PC or Mac) for case viewing and will get the relevant case files on a USB stick. For participants not bringing their own laptop, image loops will be prepared for viewing the cases on the classroom VCR projector. The case viewing is supported by a special software, uniquely developed for IDKD and drawing from the extensive expertise with electronic teaching.

达沃斯国际诊断课程(IDKD)是一种互动式的教学课程, 该课程由高水平的国际教员英语授课。每年的课程都会以器官为基础变换主题, 主要包括脑、头颈和脊柱-心胸、血管系统-腹盆-肌肉骨骼系统。IDKD目前在瑞士达沃斯、希腊、亚洲和南美均有开设课程。

听课者将参加12节不同的课程, 授课内容从医学成像方法到心、胸、血管系统疾病的诊断。授课以50–60人一组的方式进行。在每节课授课期间, 首先是一段本节课内容的简要介绍, 然后是学习由授课人准备的病例资料。最后, 授课教师指导讲解病例, 讨论不同的诊断, 展示更多的病例材料, 并且向听课者询问相关问题, 做到互动教学。听课者可以在茶歇中面对面与授课教师讨论课堂中未解决的问题。建议听课者自备笔记本电脑(PC或Mac)用来观看病例, 所有的病例都会通过闪存的方式提供。没有带电脑的听课者可以看教室VCR投影仪上的病例循环播放。看病例的特殊软件是单独为IDKD研发的, 基于广博的专业知识与电子教学。

Syllabus – 教学大纲

The IDKD Syllabus produced for the Davos course is included in the registration fee. It is provided as web based file. It gives an overview of current imaging of diseases of the Chest, Heart and Vessels.

IDKD课程的教学大纲包含在注册费之中, 以网页文件的形式提供, 包含了心、胸及血管疾病影像当前的概况。

IDKD Online Cases – IDKD在线病例

Participants will receive a login and password allowing online access to well-documented teaching cases stored in the IDKD online database.

听课者会收到登录名和密码, 可以上网进入IDKD在线数据库, 获得文件齐全的教学病例。



IDKD offers interactive, organ-based teaching workshops with annually changing topics.

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Scientific Program – 学术日程

Workshops – 课程

1. **Approach to Chest Radiographic Diagnosis – 胸部影像的诊断方法**
2. **Imaging of Pulmonary Infections – 肺部感染影像学**
3. **Interventional Radiology of the Thorax – 胸部介入放射学**
Jeffrey S. Klein, US
4. **Current Concepts in the Diagnosis and Staging of Lung Cancer – 肺癌诊断与分期的现状**
5. **CT of Focal Lung Disease – 肺部局灶性疾病的CT应用**
6. **Diseases of the Chest Wall, Pleura and Diaphragm – 胸壁、胸膜及横膈疾病**
Jeremy J. Erasmus, US
7. **Cardiac MR with a Focus on Nonischemic Cardiomyopathies – 心脏磁共振在非缺血性心肌病中的应用**
8. **Ischemic Heart Disease – 缺血性心脏病**
9. **Cardiac CT in Adult Heart Disease – 心脏CT在成人心脏病中的应用**
Albert de Roos, NL
10. **Plain Film and HRCT of ILD Davos – 肺间质疾病的平片及高分辨CT表现**
11. **Acute and Chronic Airways Disease – 急慢性气道疾病**
12. **Plain Film/CT Diagnosis of Mediastinum/Hilum – 纵隔、肺门病变的平片及CT诊断**
Sujal R. Desai, GB

Lectures Hong Kong – 主题演讲 香港

1. **Relevance of Medical Imaging in Planning Modern Thoracic Interventions 醫學影像對現代胸腔手術的評估價值**
Walter Weder, CH
2. **Advanced Pediatric Cardiac MR Techniques 兒科心臟磁共振技術的進展**
Taylor Chung, US
3. **Strain and Diastolic Function in Cardiac MR 心脏磁共振中心肌的应变及舒张功能**
Ming-Yen Ng, CN
4. **Clinical Perspectives of Coronary Intravascular Ultrasound and Optical Coherence Tomography 冠状动脉血管内超声和光学相干断层扫描的临床观点**
Kelvin Yiu Kai Hang, CN

Lectures Beijing – 主题演讲 北京

1. **Cardiac Functional Imaging by CT 心脏CT功能成像**
Bin Lv, CN (Fu Wai Hospital, Chinese Academy of Medical Sciences)
吕滨 (中国医学科学院阜外医院)
2. **CT Diagnostic Value in Aortic Disease: Preoperative and Postoperative 主动脉疾病术前及术后CT诊断价值**
Wei Yu, CN (Beijing An Zhen Hospital)
于薇 (北京安贞医院)
3. **Cardiac MR of Connective Tissue Disease Involving the Heart 结缔组织病累及心脏的心脏磁共振表现**
Yi-ning Wang, CN (Peking Union Medical College Hospital, Chinese Academy of Medical Sciences)
王怡宁 (中国医学科学院北京协和医院)
4. **Imaging of Thymic Tumors 胸腺瘤的影像**
Jian-Wei Wang, CN (Cancer Hospital, Chinese Academy of Medical Sciences)
王建卫 (中国医学科学院肿瘤医院)



Faculty Addresses



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Hong Kong, Friday, May 26, 2017
Beijing, Friday, June 2, 2017

12.30 – 13.20	Registration
13.20 – 14.00	Main Hall Welcome Address, Introduction Highlight Lecture 1
14.15 – 15.30	Workshops
15.30 – 16.00	Teacher Discussions/ Coffee Break
16.00 – 17.15	Workshops
17.15 – 18.30	Workshops

Hong Kong, Saturday, May 27, 2017
Beijing, Saturday, June 3, 2017

08.00 – 09.15	Workshops
09.15 – 10.40	Workshops
10.40 – 11.10	Teacher Discussions/ Coffee Break
11.10 – 12.15	Highlight Lecture 2 Highlight Lecture 3
12.15 – 14.00	Lunch Break
14.00 – 15.20	Workshops
15.20 – 15.50	Teacher Discussions/ Coffee Break
15.50 – 17.10	Workshops
17.10 – 18.30	Workshops

Hong Kong, Sunday, May 28, 2017
Beijing, Sunday, June 4, 2017

08.00 – 08.35	Highlight Lecture 4
08.35 – 09.05	Teacher Discussions/ Coffee Break
09.05 – 10.20	Workshops
10.20 – 11.45	Workshops
11.45 – 13.30	Lunch Break
13.30 – 14.45	Workshops
14.45 – 16.00	Workshops

Workshops in Hong Kong and Beijing

Jeffrey Klein Vermont, USA	1	Approach to Chest Radiographic Diagnosis
	2	Imaging of Pulmonary Infections
	3	Interventional Radiology of the Thorax
Jeremy Erasmus Huston, USA	1	Current Concepts in the Diagnosis and Staging of Lung Cancer
	2	CT of Focal Lung Disease
	3	Diseases of the Chest Wall, Pleura and Diaphragm
Albert de Roos Leiden, NL	1	Cardiac MR with a Focus on Nonischemic Cardiomyopathies
	2	Ischemic Heart Disease
	3	Cardiac CT in Adult Heart Disease
Sujal Desai London, UK	1	Plain Film and HRCT of ILD-Davos
	2	Acute and Chronic Airways Disease
	3	Plain Film/CT Diagnosis of Mediastinum/Hilum

Hong Kong, Friday, May 26, 2017 / Beijing, Friday, June 2, 2017

	12.30 – 13.20	13.20 – 14.00	14.15 – 15.30	15.30 – 16.00	16.00 – 17.15	17.15 – 18.30
Group 1	Registration	Introduction Highlight Lecture 1	Erasmus 1	Teacher Discussions Coffee Break	Klein 1	de Roos 1
Group 2			de Roos 1		Erasmus 1	Desai 1
Group 3			Klein 1		Desai 1	Erasmus 1

Hong Kong, Saturday, May 27, 2017 / Beijing, Saturday, June 3, 2017

	08.00 – 09.15	09.15 – 10.40	10.40 – 11.10	11.10 – 12.15	12.15 – 14.00	14.00 – 15.20	15.20 – 15.50	15.50 – 17.10	17.10 – 18.30
Group 1	Desai 1	Erasmus 2	Teacher Discussions Coffee Break	Highlight Lecture 2 Highlight Lecture 3	Lunch Break	Klein 2	Teacher Discussions Coffee Break	de Roos 2	Desai 2
Group 2	Klein 1	de Roos 2				Erasmus 2		Desai 2	Klein 2
Group 3	de Roos 1	Klein 2				Desai 2		Erasmus 2	de Roos 2

Hong Kong, Sunday, May 28, 2017 / Beijing, Sunday, June 4, 2017

	08.00 – 08.35	08.35 – 09.05	09.05 – 10.20	10.20 – 11.45	11.45 – 13.30	13.30 – 14.45	14.45 – 16.00	16.00 –
Group 1	Highlight Lecture 4	Teacher Discussions Coffee Break	Klein 3	Erasmus 3	Lunch Break	de Roos 3	Desai 3	Adjourn
Group 2			Erasmus 3	de Roos 3		Desai 3	Klein 3	
Group 3			Desai 3	Klein 3		Erasmus 3	de Roos 3	

Highlight Lectures in Hong Kong

Lecture 1	Walter Weder, CH	Relevance of Medical Imaging in Planning Modern Thoracic Interventions
Lecture 2	Taylor Chung, USA	Advanced Cardiac MRI Techniques
Lecture 3	Ming-Yen Ng Hong Kong, CN	Strain and Diastolic Function in Cardiac MR
Lecture 4	Kelvin Yiu Kai Hang Hong Kong, CN	Clinical Perspectives of Coronary Intravascular Ultrasound and Optical Coherence Tomography

Highlight Lectures in Beijing

Lecture 1	Jian-Wei Wang, Beijing, CN	Imaging of Thymic Tumors
Lecture 2	Wei Yu, Beijing, CN	CT Diagnostic Value in Aortic Disease: Preoperative and Postoperative
Lecture 3	Yi-ning Wang, Beijing, CN	Cardiac MR in Connective Tissue Disease Involving the Heart
Lecture 4	Bin Lv, Beijing, CN	Cardiac Functional Imaging by CT

Registration – 注册

Registrations are accepted online at

www.idkd.org starting January 4, 2017.

2017年1月4日开始在网上(www.idkd.org)进行注册。

During the registration, the participants will receive an invoice by email.

参会者注册时电子邮箱会收到收据信息

Registration Fees (in €) – 注册费 (欧元)

Registration fees include the full teaching program, the course syllabus on USB stick, coffee breaks, and Lunch-Bufferets.

注册费中包含了全部教学日程、U盘课程大纲、茶歇和自助午餐。

HONG KONG – 香港

Early (until May 14, 2017):

提早注册 (2017年5月14日前)

Regular € 520.– (approx. HK\$ 4300)

Residents € 450.– (approx. HK\$ 3700)

常规520欧元 (约4300港币)

住院医生450欧元 (约3700港币)

Standard – 标准注册:

Regular € 620.– (approx. HK\$ 5200)

Residents € 550.– (approx. HK\$ 4600)

常规620欧元 (约5200港币)

住院医生550欧元 (约4600港币)

BEIJING – 北京

Early (until May 14, 2017): –

提早注册 (2017年5月14日前)

Regular € 475.– (approx. RMB 3500)

Residents € 400.– (approx. RMB 2950)

常规475欧元 (约3500港币)

住院医生400欧元 (约2950港币)

Standard – 标准注册:

Regular € 575.– (approx. RMB 4200)

Residents € 500.– (approx. RMB 3650)

常规575欧元 (约4200港币)

住院医生500欧元 (约3650港币)

Important: All residents must show proof of their resident status within 10 days of registering online by e-mail to **asia@idkd.org**

Payments by Bank Transfer (€ only) –

付款方式-银行转账 (仅限欧元!)

Bank – 银行: UBS AG, CH-8098 Zurich

Account No – 银行账号: 251-964156.68Y

BIC/Swift – 银行识别码: UBSWCHZH80A

IBAN – 国际银行账户号码:

CH80 0025 1251 9641 5668 Y

Reference: IDKD ASIA/S.AMERICA

Payments with Credit Cards (€ only) –

付款方式-信用卡 (仅限欧元!)

VISA or MasterCard – 维萨或万事达信用卡

Cancellation Policy – 取消政策

Written notification is required for cancellations and changes. Refunds: 80% before April 28, 2017; 50% before May 13, 2017. No refund thereafter.

取消和变更需要提交正式书面说明。于2017年4月28日前取消课程者退还80%课程费, 2017年5月13日前取消课程者退还50%, 之后不退还课程费。

Cancellation of the IDKD Course –

IDKD课程取消

IDKD is entitled to cancel the courses at any time.

Course fees will be reimbursed in case of cancellation of the IDKD course due to reasons other than war, war-like events, acts of terrorism or epidemics, in which case only a proportionate part would be refundable.

IDKD有权随时取消课程。除了在战争、类似战争的事件、恐怖主义或疫情情况下, 课程费按一定比例部分退还外, 收取的课程费用会在课程取消的情况下予以全部退还。

Confirmation of Registration and Course Badge –

注册和付款确认

Online registrations will be automatically confirmed. You will receive your personal course badge and further information at the Registration-Desk onsite. The badge and the USB stick are personal and are your admission card to the course. Once provided **do not lose them!** In the case of loss, a replacement badge will be provided for an administrative charge of € 30.– and for € 65.– a second USB stick.

注册后您会收到收据, 付款后会确保注册成功并收到付款确认。

你会在现场注册台收到个人胸牌和进一步信息。胸牌和USB为个人专用, 是会议的通行卡。请保管好不要丢失! 一旦丢失, 补办胸牌须交纳30欧元, 补办USB须缴纳65欧元费用。

Disclaimer – 声明

The IDKD and the Course Management cannot accept liability for acts of any suppliers to this meeting nor the safety of any attendee while in transit to or from this event nor for any accidents or injuries that may occur. Any liability of IDKD and the Course Management is excluded. All participants are strongly advised to carry sufficient travel and health insurance.

该IDKD和课程管理不承担任何供应商对本次会议行为的责任，包括参会者会议来往交通以及任何可能发生的事故和伤害责任。强烈建议所有参加者携带足够的旅费和医疗保险。

Duration – 时间

12 workshops (max 5 workshops/day) and 4 lecture blocks spread over 3 days, beginning in Hong Kong on Friday, May 26, 13.00 (Registration starting at 12.30) and ending on Sunday, May 28, 16.00.

Beijing on Friday, June 2, 13.00 (Registration starting at 12.30) and ending on Sunday, June 4, 16.00.

共12节课程（每天最多5节课，共4个报告模块分散在3天的课程中。北京的课程从5月26日周六早13点00分开始（注册从早12点30分开始，到5月28日周一下午4点结束。香港的课程从6月2日周五早13点00分开始（注册从早12点30分开始，到6月4日周日下午4点结束。

Opening Hours Course Office – 课程办公室开放时间

Friday 12.00 until 30 minutes after sessions.
Saturday and Sunday 7.30 until 30 minutes after sessions.

早上12:00开始 直至会议开始后30分钟

早上7:30开始 直至会议开始后30分钟

Program Changes – 日程变更

Information and times mentioned in this documentation may be subject to change at very short notice. Updated information will be published on www.idkd.org

本文中提到的信息和时间可能会有即时的变化通知。信息更新将发布在www.idkd.org。

Coffee and Lunch Breaks – 茶歇和午歇

Coffee and soft drinks will be offered and served during intermissions. 2 Lunch-buffets are included in the registration fee. For individual lunches 2 restaurants are close by. 会议间歇会提供冷热饮。午餐以自助或公司午餐会方式提供。

IDKD on the Internet – IDKD互联网

Information is regularly updated. Visit our website at www.idkd.org 信息定期更新。请访问我们的网站www.idkd.org。

CME Credits – 继续教育学分

European CME credits have been applied for and will be announced on the web at www.idkd.org. The European EACCME credit system is recognized by the AMA.

听课者可以获得欧洲继续教育学分，该学分将会在www.idkd.org网站上公布。欧洲EACCME学分系统也被美国医药协会（AMA）认可。

The course will be accredited by the Hong Kong College of Radiologists. We expect to obtain 18 (Cat. A) CME/CPD points. The Royal Australian and New Zealand College of Radiologists is allocating a comparable number of points of attendance of the entire course.

香港放射科医学院授予18 (Cat. A) 持续教育学分。澳大利亚皇家和新西兰放射学院为听课者在本次会议中提供学分。

Directors – 董事

Jürg Hodler, Zurich (CH)
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Local Board Hong Kong – 香港董事会

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Local Organization Hong Kong – 香港机构

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Venue – Accommodation

Venue Hong Kong – 会场-香港

HKCEC – Hong Kong Convention & Exhibition Centre
Level 4

1, Expo Drive, Wanchai Hong Kong

HKCEC – 香港会议展览中心（香港会展中心）
香港湾仔博览道一号

Accommodation Hong Kong – 住宿-香港

Accommodation is available at special rates close to the HKCEC in different categories and may be booked online at www.idkd.org/Accommodations. Headquarter is the ,Renaissance Harbour View Hotel' integrated in the HKCEC.

住宿地点为临近HKCEC的香港万丽海景酒店。该酒店设有不同种类的房型，提供特别优惠。请通过www.idkd.org/Accommodations网站进行网上预订。

Venue and Accommodation Beijing – 会场-住宿-北京

Capital Hotel Beijing – 北京首都大酒店
3 Qian Men East Street – 东城区前门东大街3号
100006 Beijing, China – 中国北京
Phone – 电话: (86-10) 5815 9988
www.capitalhotel.com.cn

The IDKD course is held at the Capital Hotel Beijing situated in the historic Dongjiaominxiang Alley and is within walking distance to many interesting monuments and scenic spots including Forbidden City, Qiamen, Temple of Heaven, Tiananmen Square etc. There are different room categories available. Please make your hotel reservation online through the reservation form on www.idkd.org.

IDKD课程将在坐落于东交民巷的北京首都大酒店进行，从该酒店出发，可步行至紫禁城、前门、天坛公园、天安门广场等许多景点。酒店设有不同种类的房型。请参会者通过www.idkd.org网站进行网上预订。

Acknowledgement – 致谢

The IDKD is very grateful to the companies who help through their collaboration and contribution to realize and develop the 7th IDKD Course in Asia.

IDKD对为第七届IDKD亚洲课程顺利召开所做出贡献的公司，致以最真诚的感谢。

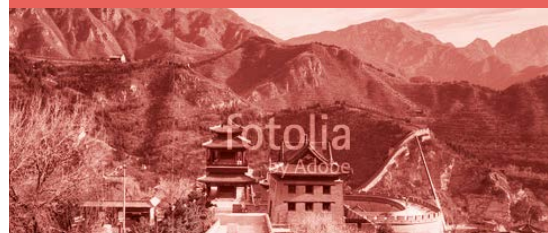
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2018

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Gadoteric acid

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DOTAREM 0.5 mmol/mL solution for injection. **COMPOSITION(*)**: Per 100 mL of solution: active ingredient: Gadoteric acid* 27.932 g corresponding to: DOTIA 20.246 g corresponding to gadolinium oxide 9.062 g.

Indications()**: Magnetic Resonance Imaging for: - cerebral and spinal disease - diseases of the vertebral column - and other whole-body pathologies (including angiography). **Posology and method of administration(**)**: The recommended dose is 0.1 mmol/kg, i.e. 0.2 mL/kg in adults, children and infants. In angiography, depending on the results of the examination being performed, a second injection may be administered during the same session if necessary. In some exceptional cases, as in the confirmation of isolated metastasis or the detection of leptomeningeal tumours, a second injection of 0.2 mmol/kg can be administered. The product must be administered by strict intravenous injection. **Contraindications**: Hypersensitivity to gadoteric acid, to meglumine or to any medicinal products containing gadolinium. **Precautions for use**: Dotarem must not be administered by subarachnoid (or epidural) injection. The usual precaution measures for MRI examination should be taken such as exclusion of patients with pacemakers, ferromagnetic vascular clips, infusion pumps, nerve stimulators, cochlear implants or suspected intracorporeal metallic foreign bodies, particularly in the eye. **General particulars corresponding to all gadolinium contrast agents**: All gadolinium based contrast media can cause minor or major reactions that can be life-threatening. These can occur immediately (within 60 minutes) or be delayed (within 7 days) and are often unpredictable. Because of the risk of major reactions, emergency resuscitation equipment should be available for immediate use. Hypersensitivity reactions can be aggravated in patients on beta-blockers and particularly in the presence of bronchial asthma. These patients may be refractory to standard treatment of hypersensitivity reactions with beta agonists. Impaired renal function. Prior to administration of gadoteric acid, it is recommended that all patients are screened for renal dysfunction by obtaining laboratory tests. There have been reports of Nephrogenic Systemic Fibrosis (NSF) associated with use of some gadolinium-containing contrast agents in patients with severe renal impairment (GFR < 30 mL/min/1.73 m²). As there is a possibility that NSF may occur with Dotarem, it should only be used in these patients after careful consideration. - CNS disorders: As with other contrast agents containing gadolinium, special precautions should

be taken in patients with a low seizure threshold. Precautionary measures, e.g. close monitoring, should be taken. All equipment and drugs necessary to counter any convulsions which may occur must be made ready for use beforehand. **Interactions with other medicinal products and other forms of interaction**. No interactions with other medicinal products have been observed. Formal drug interaction studies have not been carried out. **Fertility, pregnancy and lactation(*)**. **Effects on ability to drive and use machines(*)**. **Undesirable effects(*)**: hypersensitivity reaction including anaphylaxis, angioedema, urticaria, erythema, pruritis, rash, eczema, bronchospasm, laryngospasm, oedema, dyspnea, nasal congestion, sneezing, cough, dry throat, nausea, vomiting, diarrhea, abdominal pain, muscle cramps, muscular weakness, back pain, agitation, anxiety, paresthesia, headache, dysgeusia, thoracic pain, feeling cold, feeling hot, fever, chills, asthenia, malaise, coma, convulsion, syncope, presyncope, dizziness, paresthesia, tremor, conjunctivitis, ocular hyperaemia, vision blurred, lacrimation increased, eyelid edema, bradycardia, tachycardia, arrhythmia, palpitations, hypotension, hypertension, vasodilatation, pallor, cardiac arrest, respiratory arrest, injection site (pain, reaction, oedema), injection site extravasation, superficial phlebitis, NSF(*). **Overdose(*)**. **PHARMACOLOGICAL PROPERTIES(*)**: Pharmacotherapeutic group: paramagnetic contrast media for MRI, AIC code: V08CA02. **Presentation(**)**: 5, 10, 15, 20, 60 & 100 mL in vial (glass) and 10, 15 & 20 mL in a pre-filled syringe (glass). **Marketing authorisation holder(*)**: Guerbet - BP 57400 - F-95943 Roissy CDG cedex - FRANCE. **Information**: tel : 33 (0) 1 45 91 50 00. Revision: September 2015.

(*) For complete information please refer to the local Summary of Product Characteristics

(**) Indications, volumes and presentations may differ from country to country.

Reporting of suspected adverse reactions is important as it helps to continuously assess the benefit-risk balance. Therefore, Guerbet encourages you to report any adverse reactions to your health authorities or to our local Guerbet representative.

Realisation: CM communication - P16 083 DOT - March 2016 - Photo: Olivier Bahugliar

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