

# CURRICULUM VITAE



**NAME:** Professor(教授) DaeHyun Hwang, M.D., Ph.D. (黃大鉉 醫學博士)

**ADDRESS:** Department of Radiology,

Seoul paik Hospital Inje University(仁濟大學校,Seoul 百病院)

maremagil 9 Chunggu Seoul ,Republic of Korea 04551

## ACADEMIC EDUCATION

1987.2 M.D. Inje University, College of Medicine, Korea(仁濟大學校, 醫科大學)

2000.3-2002.2 Master course, Paris Sud University-Manitol University,  
College of medicine. ( Neuroanatomy, Professor Pierre asjaunias)  
醫學碩士, 法國巴理第六醫科大學

2002.3-2004.2 Master , Chungang University, College of Medicine.

2002.3-2004.3 醫學碩士 中央大學校 大韓民國

2004.3-2006.2 Ph.D ,Chungang University, College of Medicine.醫學博士中央大  
學校 大韓民國

## APPOINTMENTS AND PROFESSIONAL ACTIVITIES

1987.3 M.D. Inje University, College of Medicine, Korea 仁濟大學校

1988.3-1991.2 Intern,Seoul Paik Hospital,Inje Medical School.  
仁濟大學校 首都百病院

1988.3-1991.3 Resident , Department of Radiology, Seoul Paik Hospital,  
Inje Medical School 仁濟大學校 首都百病院

1991.3-1994.4 Korean Air Force, Flight Surgeon Captin 大韓民國空軍  
大尉

1994.5-1995.12 Fellow, Interventional Radiology ,Department of radiology,  
Seoul national university Hospital.國立首都大學病院

1996.1-1998.3.31 Clinical instructor, Department of Radiology, Hangang  
Sacread Heart Hospital, College of Medicine, Hallym  
University.翰林大學校 漢江聖心病院

1998.4.1-2002.3.31 Assistant professor, Department of Radiology, Hallym  
University Hospital, College of Medicine, Hallym University

翰林大學校 翰林大病院

- 2000.1-2000.12      Visiting professor , Lund University Hospital ,Sweden  
(Professor Mats Cronqvist, Professor Wojciech Cwikiel)  
Center Hospitalier Universitaire Bicetre,Paris,France  
(Professor Pierre Lasjuanias) 2000.1-2000.3  
Fondation Ophthalmologique A.De Rothschild, Paris, France  
( Professor Jacque Moret) 2000.10- 2000.12
- 2002.4.1-2006.3.31      AssociateProfessor. Department of Radiology, Hangang  
Sacread Heart Hospital, College of Mediciene, Hallym  
University.翰林大學校 漢江聖心病院
- 2006.4.1      Professor, Department of Radiology, Hangang, Sacred Heart  
Hospital, Colleague of Medicine, Hallym University. 翰林大學校 漢江聖心病  
院 放射線科 教授
- 2011.4.9-      客座教授,南京醫科大學第一臨床醫學院(K2011002)  
Visiting professor, Nanjing Medicial university ,China
- Acta Radiology : Reviewer from 2011-

CardioVascular and Invterventional Radiology (European Intervential Radiology official Journal) :Reviewer from 2012-

2012.3---Korean Work welfare cooperation, Member of Seoul industrial disease community

2012.10.1 Chief professor, Department of Radiology,Dongtan Sacred Heart Hospital,Hallym University.

Planet Course 2014 Korea, Korea co -organizer( Pierre Lasjaunias neurovascular Educational Team course ,6<sup>th</sup> cycle in Dongtan Hwaseong,Korea

First seesion: March 30<sup>th</sup>-april 4 ,2014

17 countries and 70 doctors attended

2<sup>nd</sup> session October 26<sup>th</sup>-october 31th,2014

12 countires and 62 doctors attended

2015... Honorary member of Mongolian Radiology Society.

2015,3---- member of Korean health care evaluation cooperation, South part of Kyunggi province

2017.5- Professor, Inje university seoul paik hospital

仁濟大學校 醫科大學 首都百病院 放射線科 教授

## RESEARCH INTERESTS

1. Kitosan emboilization in rabbit aneurysm model
2. Kitosan gelfoam embolization, comparative study gelfoam

3. Vascular occlusion effects of endovascular Radiofrequency Wire electrode on rabbit Renal artery : Comparison with PVA particles.
4. Tumor embolizations materials.

## **CURRENT ACTIVITIES**

1. Physician-in-chief, Department of Radiology, Han gang Sacred Heart Hospital
2. Chairman of Materials and Supplies Committee, Han gang Sacred Heart Hospital
3. Member of Medical Equipment Committee, Han gang Sacred Heart Hospital
4. Member of International Cooperation Committee of the Korean Society of Radiology
5. International Liaison: Korean Society of Interventional Neuroradiology.(2009-2010)
6. Faculty ,Angioplasty summit,TCTAP
7. International advisory board, World Federation Interventional NeuroRadiology,2007 venice Italy
8. Organizing committee ,APCCVIR 2010 (Asian Pacific Cardiovascular Interventional Radiology)
9. Scientific faculty , Symposium Neuroradiologicum 2010
10. International Liaison: Korean Society of Cardiovascular Imaging(2011-2012)
11. International Liaison: Society of Korean Interventional Radiology(2013-2014)
12. Acta Radiology: Reviewer from 2011
- 13 CardioVascular and Intverventional Radiology :Reviwer from 2012
13. Organizing Committee. SGI ( Society of Gaststrology Intervention) 2012

14. . Physician-in-chief, Department of Radiology, Dongtan Sacred Heart Hospital  
2012.12

15. International Liaison: Society of Korean interventional Radiology

16. Planet Korea: Korea course co director with professor Suh  
DaeCheol( Ulsan medical University, Asan medical center)

a.( Pierre Lausjaunia neuroendovascular Team course Lecture

meningioma, March 29 -April 4, Dongtan Sacred Hospital Hallym University,  
Hwaseong City, Korea

b. October 25 to October 31 Dongtan Sacred Hospital Hallym  
University, Hwaseong City, Korea.....Intracranial stent interseting cases :  
lecture

17. faculty of Toronto university( Plaent course local organizer)

18. International Liaison: Society of Korean Neuroraiology(2015-2016)

## **TEXTBOOK**

Interventional Radiology, Ilchogak, Chapter 55, endovascular treatment of  
cerebral aneurysm , 534-546, May 15th ,2007

## **ACADEMIC ACTIVITIES**

- 1- Complications of percutaneous biliary drainage , 4th Korean Interventional  
Radiology, Korea University, Anam Hospital 1994. 10. 8
- 2- Prognostic factors of long term survival Hepatoma Patients, Oral  
presentation , 50<sup>th</sup> Korean Radiology Society, Oral presentation, Hotel  
Lotte World ,1994,10.20.

- 3- Metallic stent for iliac arterial stenosis, oral presentation, 2nd Asian vascular Surgery Society, Seoul Lotte World Hotel, June 2-4, 1996.
- 4- Prognostic factors more than 3 years survival after transarterial embolization of Hepatocellular carcinoma. Oral presentaion. 19th International Congress of Radiology. 9th-13th June.1996. China World trade center , Beijing,China.
- 5- Angiographic Findings of Electrical Arterial Injuries, Oral presentation. 6<sup>th</sup> Cardiovascular Society,CheonBook University, .1996,10,12.
- 6- Angiographic findings of electrical burn, The 3rd Asian Pacific congress Cardiovascular & Interventional Radiology, Melbourne, Australia, 1997, 4.7-10
- 7- Bronchial Arterial Embolization using Microcatheter and Ivalon in Hemoptysis, The 10th Japan-Korea Radiology,Nagasaki,Japan,1997.6.6-7
- 8- Coil embolization in Pseudoaneurysm in right Neck by stab wound, 25<sup>th</sup> Korean Vascular Society , Busan HaeWoondae Chosen Beach Hotel,1997,6,14.
- 9- Angioplasty in right iliac artery, 25<sup>th</sup> Korean Vascular Society , Busan haewoondae Beach Hotel,1997,6,14.
- 10- Angiographic findings of Electrical burn,26<sup>th</sup> Korean Vascular Catholic University,1997,11,29.
- 11- Useful interventional Radiology in Hemangioma and AV fistula, Korean Vascular Society, 26<sup>th</sup> Korean ascular Society, Catholic University, Seoul, korea 1997,11,29.
- 12- Inverventional radiology : Usefulness of Loop Snare,26th Korean Vascular Society ,Catholic University, Seoul, Korea, 1997,11,29.
- 13- Endovascular treatment of Hemangioma & AV malformation, oral presentation, 3rd Asian vascular Surgery Society, Beijing, China ,May 8-10, 1998.

- 14- Angiographic findings of electrical burn, Poster, 3rd Asian vascular Surgery Society, Beijing,China May 8-10, 1998.
- 15- Percutaneous Embolization of massive bleeding in Upper Gastrointestinal Tract. 28<sup>th</sup> Korean Vascular Society, Catholic University, Seoul, Korea, 1998,11,28.
- 16- Ivalon Embolization of Carotid Body Tumor, 28<sup>th</sup> Korean Vascular Society, Catholic Medical School, Seoul, Korea, 1998,11,29.
- 17- Endovascular Treatment of Aneurysm by Use of a Combination of liquid Embolic Agents and Protective Devices: Preliminary results: Korean Radiology Society , Seoul, Korea, October 15, 2001.
- 18- Invited speaker, New techniques and new materials in Neurointerventional Radiology, 1st East China interventional Radiology Shanghai, China. 2002 ,10 19--26,
- 19- ABC/WIN (Anatomy Base conference,World interventional Neuroradiology) Kitosan embolization in rabbit aneurysm model,oral Presentation, Val d'isere,France. January 15, 2003, 1.
- 20- ABC/WIN, Kitosan gelfoam embolization, comparative study gelfoam in Rabbit Reanl Artery. Oral presentation Val d'isere, France 2004.1
- 21- WFITN(World federation of interventional neuroradiology), ,
  - a. Discusant, Stroke and thrombolysis
  - b. Foreign body remove, 9 cases; Oral presentation. Venice,Italy, 2005,10
- 22- Nanjing University, International Neurointerventional symposium, Invited Lecture
  - a. How to decreased complications of Neurointerventional Radiology
  - b. Review of GDC cases my cases , more than 150 cases.
  - c. Reviews of Supraaortic stents : 158cases Nanjing, China, 2008 3.28-29
- 23- Cardiovascular Interventional Radiology of European Society, Copenhagen, Denmark,2008 9.13-17



- a. Angioplasty and Stent in Intracranial atherosclerotic disease
  - b. Vascular occlusion effects of endovascular Radiofrequency Wire electrode on Rabbit Renal artery Comparison with PVA
- 24- ABC/WIN 2009.1.13-1.18,Val d'isere, France, Oral presentation
- a. Angioplasty and Stent in Intracranial atherosclerotic disease
  - b. Intracranial stent removed by snare
  - c. Femoral artery occlusion by vertebral artery stent: How to treat?
  - d. Hyperperfusion syndrome after intracranial stent
- 25- ESNR (European Society of Neuroradiology) 2009.9.16-20, Athene GREECE
- a. Angioplasty and Stent in Intracranial atherosclerotic disease: 54 cases
- 26- RSNA (Radiology Society of North America), Oral presentation, 2009.11.30-12.3 Chicago, United States of America
- a. Angioplasty and Stent in Intracranial atherosclerotic disease: 54 cases
27. ECR(European Congress of Radiology), Oral presentation, Intracranial stents in atherosclerotic disease, 82 cases, March 4th-8th, 2010, Vienna, Austria
28. AOCR 2010( Asian Oceanian Congress of Radiology), Post, Endovascular Stent Grafts in the Treatment of Traumatic Aortic injuries, March 20-23, 2010, Taipei, Taiwan,
29. AOCR 2010( Asian Oceanian Congress of Radiology), Post, Endovascular management of Hepatic artery Pseudoaneurysm: Six cases Experiences, March 20-23, 2010, Taipei, Taiwan,
30. AOCR 2010( Asian Oceanian Congress of Radiology), Post, Endovascular management of Hepatic artery Pseudoaneurysm: Six cases Experiences, March 20-23, 2010, Taipei, Taiwan,
31. AOCR 2010( Asian Oceanian Congress of Radiology), Post, Can you embolize by Microwire in Rabbit Renal Artery? Yes or No  
March 20-23, 2010, Taipei, Taiwan,

32. APCCVIR 2010 (Asian Pacific Cardiovascular Interventional Radiology),  
Invited lecture, Angioplasty and Stent In Intracranial Atherosclerosis: 82 cases  
First to 4<sup>th</sup> June, 2010, Seheratone Hotel, Seoul Korea
- 33 . Nanjing University Hospital Vascular symposium, Invited lecture, Intracranial  
stents in Atherosclerotic disease, August 11<sup>th</sup>-15<sup>th</sup>, Nanjing, China
- 34- Symposium Neuroradiologicum 2010, Aneurysmal Rupture during Embolization  
with Guglielmi Detachable Coils: Causes, Management and Outcome" 4<sup>th</sup> to  
9<sup>th</sup> October, Bologna, Italy
- 35- Symposium Neuroradiologicum 2010, "Intracranial Angioplasty and Stenting for  
Cerebral Atherosclerosis: Results of 92 Consecutive Patients" 4<sup>th</sup> to 9<sup>th</sup> October,  
Bologna, Italy
- 36- Symposium Neuroradiologicum 2010, Aneurysmal Rupture during Embolization  
with Guglielmi Detachable Coils: Causes, Management and Outcome" 4<sup>th</sup>  
to 9<sup>th</sup> October, Bologna, Italy
37. 10<sup>th</sup> National Symposium of Interventional Diagnosis and therapy on  
gastrointestinal Malignant Disease & 2010 New Technology Forum of  
Gastrointestinal Intervention/Endoscopy, Invited speaker, Middle cerebral  
arterial stents in Korea, 4<sup>th</sup>-7<sup>th</sup>, November, 2010, Johnes Haward Hotel, Dujianyan,  
China
38. . ECR (European Congress of Radiology), Oral presentation, Intracranial stents in  
Middle Cerebral arteries, 32 cases, March 4<sup>th</sup>-8<sup>th</sup>, 2011, Vienna, Austria
39. Nanjing University Hospital International Vascular Symposium, Invited lecture,  
Middle Cerebral artery stents in Atherosclerotic disease, 39 cases, April, 7<sup>th</sup> -9<sup>th</sup>  
2011, Nanjing, China
40. European Society of Neuroradiology, Oral presentation, Intracranial  
endovascular stent implantation of cerebral artery atherosclerotic stenoses, September  
22-25<sup>th</sup>, 2011, Antwerp, Belgium

- 41 Japan-korean stroke Symposium, Oral presentation, Intracranial endovascular stent implantation of cerebral artery atherosclerotic stenoses, October 22--23th, 2011, Kyungju, Republic of Korea
42. World Federation of Therapeutic Neuroradiology, Oral presentation, Intracranial endovascular stent implantation of cerebral artery atherosclerotic stenoses, November 8-11th, 2011 Cape town, South Africa.
43. Annual Seminar on Interventional therapy with Gastrointestinal Conference, Invite speaker, Vascular Occlusion Effects of endovascular Radiofrequency Wire Electrode on Rabbit Renal Artery: Comparison with PVA embolization. November November 18-21th, Beijing, China 2011
44. ECR(European Congress of Radiology), Poster, Intracranial endovascular stent implantation of cerebral artery atherosclerotic stenoses, March 1th-5th, 2012, Vienna, Austria
45. Nanjing University Hospital International Vascular Symposium, Invited speaker, Intracranial stents in Atherosclerotic disease, April, 6th -8th 2012, Qidong, China
46. APCCVIR(Asian Pacific Cardiovascular Interventional Radiology), Oral presentation, Intracranial endovascular stent implantation of cerebral artery atherosclerotic stenoses, May 30- June -2th, 2012, Kobe, Japan
47. ASCI(Asian Society of Cardiovascular Image) poster presentation, Polyarteritis nodosa case: CT angiographic finding. June 8<sup>th</sup>-9<sup>th</sup>, 2012, Bangkok, Thailand
48. AAFITN(Asian Australia Federation of Interventional Therapeutic neuroradiology), Oral presentation, Intracranial endovascular stent implantation of cerebral artery atherosclerotic stenoses, June 14- June -17th, 2012, Nagoya, Japan
49. Chinese Society Interventional Radiology: Complication Session, Invited speaker, How to decrease Interventional radiology complications, July 20- June -22th, 2012, Ranzou, China

50. 8<sup>th</sup> WSC(World stroke Congress),Post presentation, Intracranial endovascular stent implantation of cerebral artery atherosclerotic stenoses, October 10- 14th , 2012,Brazilia,Brazil

51.CSIR2012( Chinese Society of Interentional Radiology) and GEST 2012 plus( Global Embolization Symposium and techniques),Invited speaker, Aortic graft stents : Hallym University Intereting Cases, November 1- 3th , 2012,Nanjing,China

52. 2012 Annual Seminar on Interventional therapy with Gastrointestinal Conference, Invited speaker ,Intersting cases in Hallym University: Pseudoaneurysms in hepatic artery and Differential diagnoses cases. Descember 7<sup>th</sup>-9th 2012 ,kunming ,China

53. . ECR(European Congress of Radiology),Poster , Endovascular treatment of carotid stenosis : carotid stent 103 cases ,March 7th-11th,2013, Vienna,Austria.

54. China-korea Interventional Socity Congress: Invited Speaker

What are kinds of complicationas and treatments in Neurointervention?

March 21to 24 ,Nanjing,China.

55. PCR(Paris Congress of Radiology),oral presentation,

1. Endovascular treatment of carotid stenosis : carotid stent 103 cases

2. Intracranial endovascular stent implantation of cerebral artery atherosclerotic stenosis ,20-23th, May,Paris, France

56. WFUMB (World Federation Ultrasound medicine and Biology), Poster, Ultrasound guided procedures: PCD, PTBD, Central line and Chemoport 584 patients: 2 to 5 May 2013, Sao Paulo, Brazil

57. ECON (East Asia Conference of Neurointervention), poster, Endovascular treatment of carotid stenosis : carotid stent 103 cases, 6th-8th June 2013, Kobe, Japan

58. ASCI (Asian Society of Cardiovascular Image) poster presentation, Polyarteritis nodosa case: CT angiographic finding. August 15th-18th, 2013, Beijing, China

59. World Federation of Therapeutic Neuroradiology, Oral presentation,

1. Endovascular treatment of carotid stenosis : carotid stent 103 cases

2. Radiofrequency Wire Electrode on Rabbit Renal Artery: Comparison with PVA embolization, November 10-14th, Oral presentation, November 8-11th, 2013 Buenos Aires, Argentina.

60. SIR (Souzhou Interventional Radiology) Invited speaker. 1. Acute Aortic Syndrome Diagnosis and Treatment 2. Ultrasound Contrast Enhancement In Radiofrequency Ablation. Nov 29 to December 1, Suzhou, China.

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61. . China Taiwan bi- National Symposium of Interventional Diagnosis and therapy

on gastrointestinal Malignant Disease & 2013 New Technology Forum of

Gastrointestinal Intervention/Endoscopy, Invited speaker. Korean society of

stent research: past, present and future, 11-14 December, 2013, Taipei, Taiwan

62. . National Symposium of Interventional Diagnosis and therapy on

gastrointestinal Malignant Disease & 2013 New Technology Forum of Gastrointestinal

Intervention/Endoscopy, Invited speaker. Korean society of stent research: past, present and future, 20 to 22 December, 2013, Shanghai, China.

63. Invited speaker, Interventional Radiology with iso-osmolar visupaque More than 15 years experience, Korean society of stent research past present and future, 19 March, 2014, Santos-Thomas University Hospital, Manila, Philippines

64. Invited speaker, Interventional Radiology with iso-osmolar visupaque More than 15 years experience, Intracranial stents, 20 March, 2014, Makati Medical Center, Raffles Hotel, Manila, Philippines

65. Philippine College of Radiology 66<sup>th</sup> annual convention, Invited speaker, Interventional Radiology with iso-osmolar visupaque More than 15 years experience, intracranial stents, 21 March, 2014, SMX convention center, Manila, Philippines

66. 2014 Jinleng international image and interventional forum, Invited speaker. Korean society of stent research: past, present and future, 14 to 16 March 2014, Nanjing, China

67. AAFITN (Asia-Australia Federation Interventional Therapeutic

Neurology)Poster,1. Endovascular treatment of carotid stenosis : carotid stent  
103 cases Poster 2. Radiofrequency Wire Electrode on Rabbit Renal Artery:  
Comparison with PVA embolization March. 25-26 2014, Danang,Vietnam

68. Planet Korea( Pierre Lausjaunia neuroendovascular Team course )Lecture  
meningioma,March29 -April 4,Dongtan Sacred Hospital Hallym University,  
Hwaseong City, Korea

69. International Liver image congress, Invited speaker, Ultrasound contrast  
sonzoid with RF ablation in hepatoma : Intermed hospital,Ulan bator<  
Mongolia,11-12 April

70. ASCI;Asian Society of Cardiovascular Imaging in jeju,Korea,Chairmen ,Jeju island,  
korea 12-14 June ,2014

71. XX th symposium neuroradiologicum, poster presentation; Carotid stent 103  
cases; single center trial ,Istanbul,Turkey 7-12 September,2014

72. Asian pacific stroke society.poster presentation Carotid stent 103 cases  
single center trial ,Taipei,Taiwan 12-14 september ,2014

73. Mongolian Congress of Radiology, Invited speaker, Intracranial

stents. Ulanbator congress hall, Ulan bator, Mongolia, 18-21 September, 2014

74. AOCC (Asian Oceanian Congress of Radiology) in Kobe, Japan 24-2

Intracranial stent: 91 cases in single center trial, Kobe, Japan September 24 to 28

75. The 10<sup>th</sup> Chinese conference of Minimal invasive therapy in oncology

The 1<sup>st</sup> scientific meeting of Asian Pacific Association of imaging guided therapy in oncology. Charimen. Invited speaker, Ultrasound contrast sonzoid with Radiofrequency ablation in hepatoma

76. The First Guangzhou International Forum in minimal Invasive and

comprehensive treatment in Liver cancer, Chinese Anti cancer association

Professional committee of minimal invasive cancer treatment, Minimal invasive and

comprehensive treatment of liver cancer annual meeting. Invited Speaker,

Ultrasound contrast sonzoid with RF ablation in hepatoma,

Guangzhou, China Dec 26-Dec 29 2014

77. Nanjing University international interventional symposium, Invited speaker,



How to treat neurointerventional complications, Nanjing, China 10<sup>th</sup>-12<sup>th</sup>

April, 2015

78. European Society of Neuroradiology, poster, *Endovascular treatment of carotid stenosis : 106 cases, Napoli, Italy 16<sup>th</sup>-20<sup>th</sup> September*

79. *Asian conference on tumor ablation, poster*, Radiofrequency Wire Electrode on Rabbit Renal Artery: Comparison with PVA embolization, 30<sup>th</sup> -31<sup>th</sup> October, Fukuoka, Japan

80. World Federation of Interventional Therapeutic Neuroradiology,

Oral presentation, Endovascular treatment of carotid stenosis; 106 cases.

Poster, Intracranial stent implantation of Middle cerebral artery, 32 lesions. 9<sup>th</sup> -11 November, Gold Coast, Australia

81. China Strategic Alliance of Technology Innovation for minimal Invasive Tumor therapy, Invited speaker, Korean Hepatocellular carcinoma treatment: Transarterial chemoembolization, 13<sup>th</sup>-15<sup>th</sup> December 2015 Beijing, China

82. China Scion company international meeting: Invited speaker

What kinds of embolic materials and coil experience in Korea

22<sup>nd</sup> to 24 January 2016 Shanghai, China

83. Jinling International Emergency Radiology Society; Invited speaker

Emergency Radiology in Hallym University and Interesting cases

11 to 13 March 2016

84. Asian Australia Federation of international and Therapeutic Neuroradiology, oral presentation, **Endovascular treatment of carotid stenosis : 106 caortid stent cases, single center trial, 23th to 25th march 2016 , Bali , Indonesia**

84. Asian Pacific Caridovascular Interventional Radiology society: invited speaker and moderator 1. **Intracranial stents**; more than one hundred cases, single center trial 2. How to treat complications in neurointerventional Radiology: more than 20 years experience 21 to 24 ,souzhou, China

85. Asian pacific Association of Imaging guided Therapy in oncology

Invited speaker, What is strategy treatment in hepatocellular carcinoma in korea, 27-29<sup>th</sup> May 2016 Qingdao, China

86. Asian Pacific Society of cardiac imaging, poster presentation, High riding superior pericardial recess, 4<sup>th</sup>-6<sup>th</sup> August, 2016 Singapore

87. Vietnam Radiology society, Invited speaker, Intracranial stents past, present and future August 20<sup>th</sup> to 21<sup>th</sup>, 2016, Danang Vietnam

88. International congress of Radiology, oral presentation 1. Intracranial angioplasty and stent implantation in atherosclerotic lesions and symptomatic stenosis 2. Endovascular management for hepatic artery pseudoaneurysm 3. Ultrasound guided procedures in angiography room; 837 cases with Helicon ( Wireless ultrasound) experience, September 21<sup>th</sup> to 24<sup>th</sup>, Buenos Aires, Argentina

89. Lao-Korea Radiology workshop, Invited speaker, 1. Stroke intervention and intracranial stent 2. Emergency radiology October 3<sup>rd</sup>

Soviet-Lao friendship hospital, Vientiane, Laos

90. Chinese Congress of Radiology, Invited speaker, Emergency Radiology, Chairman of chinese Korean Interventional symposium'

October 12<sup>th</sup> to 15<sup>th</sup>, Suzhou, China

91. .Shanghai Hongchao international interventional Radiology , Invited speaker, How to treat hepatocellular carcinoma in Korea.November 10th to 13th, 2017.Hoangchao hotel shanghai,China

92. 301 liberal people hospital International Interventional Radiology,Invited speaker, 1. Animal study of embolic materials 2. Interlock coils experiences in korea, 301 liberal hospital,Beijing in china, 12<sup>th</sup> to 14 December 2016.

93. Parkistan congress of Radiology,Invited speaker, Intracranial stent in cerebral atherosclerotic disease, Preshawar Parkistan, 22th to 24th December 2016

94. Sangya International interventional Radiology,Invited speaker, Caligel experience in korea, changsa ,China 12th to 14th .Feburary 2017

95. Jinleng International interventional Radiology,Invited speaker, Emergency Radiology in Korea ,Nanjing ,China 10th to 12th march 2017

96. The 6<sup>th</sup> Asian Congress of Abdominal Radiology, Invited speaker,1. Emergency radiology in genitoureinary system 2. How to design animal research? Areteial occlusion rabbit renal artery by Radiofrequency ablation wire...., Haeundae Hortel,Busan,Korea April 21 fri to 22 Saturday 2017

97. The Asian Society of Cardiovascular Image, poster ,~~W~~presentation,Effectiveness of CT angiography detecting vascular Aneurysm in patient with polyarteritis nodosa(PAN)... Westin Miyako Kyto hotel,Japan ,June 1<sup>st</sup> to 3<sup>rd</sup> ,2017

98.The Chinghai neuro and interventional international congress, as an invited speaker, How to treat of neurointerventional complications, 10<sup>th</sup> to 13<sup>th</sup> august , Chinghai Hotel, Xining ,Chinghai provinve ,China

99. 5<sup>th</sup> Asia pacific Congress of Interventional oncology, as an invite speaker, How to treat Abdominal Pseudoaneurysms ?, 10 cases 24<sup>th</sup> to 26<sup>th</sup> The Larit Hotel, New deli India.

100. 20<sup>th</sup> European Society of neuroradiology, Oral presentation. How to treat atherosclerotic disease in middle cerebral artery? September 14<sup>th</sup> 17<sup>th</sup> 2017, malmo Sweden

101. World Federation of Interventional Therapeutic NeuroRadiology, poster 1. Aneurysmal Rupture during embolization with Guglielmi detachable coils: Causes, Management and outcome (PP331) 2. The use of chitosan Gel as an Embolic Agent (P486) 3. Intracranial endovascular stent implantation of middle cerebral artery stenosis (P581), October 16 to 19<sup>th</sup> 2017, Budapest, Hungary

102. East Asian Conference of neurointervention 2017, Lecture 22. Intracranial angioplasty and stent for cerebral atherosclerosis :results of 109 cases October 26 to 27 2017, Shanghai convention center, China,

103 .18<sup>th</sup> congress of Asian society for vascular surgery, poster presentation P7-18 paper number 345: Endovascular management for ruptured hepatic artery (7) GDA(2) and SMA(1) pseudoaneurysm , 25<sup>th</sup> - 29<sup>th</sup> October 2017, Shuangrilar hotel Kuala Lumpur, Malaysia

104. 2017 Asian Conference on tumor ablation , constructive model and strategy, Moderator, national strategy, RF ablation for hepatomas, China, Japan, Korea, Mongolia, India and Malaysia, November 16-18, Guangzhou, China

105.. The 33<sup>rd</sup> Annual Meeting of Japanese Society for Neuroendovascular Therapy, lecture, . Intracranial angioplasty and stent for cerebral atherosclerosis :results of 109 cases, November 23 (Thur) -25 (Sat), 2017, Grand Prince Hotel Tanakawa, International; convention center, Tokyo, Japan

105. The fourth tumor minimal invasive interventional therapy and targeted therapy International Forum, Lecture, Ultrasound contrast Enhancement in Radiofrequency Ablation, December 8<sup>th</sup> -10<sup>th</sup>, Beijing, China
106. The 17<sup>th</sup> Asian Oceanian Congress of Radiology, Lecture, . Intracranial angioplasty and stent for cerebral atherosclerosis :results of 106 cases, January 25<sup>th</sup> -28<sup>th</sup> 2018, Mumbai, India
107. The 13<sup>th</sup> Asian Australian Federation of interventional & therapeutic Neuroradiology, Poster presentation, intracranial angioplasty and stenting for cerebral atherosclerosis; Result of 106 cases, Kota Kinabalu, Malaysia March 7 to March 9, 2018
108. Asia Pacific Society of Cardiovascular and Interventional Radiology 2018, Poster 1. Drug eluting stent VS Bare metal stent for intracranial artery disease 106 cases 2. The endovascular management of visceral aneurysm and pseudo aneurysm, March 8<sup>th</sup> -11<sup>th</sup> March 2018, Auckland New Zealand
109. Jinleung International Emergency and Emergency Interventional Radiology Society, Invited speaker, Emergency Interventional Radiology in Intensive Care Center, 30<sup>th</sup> March to first April, Nanjing Grand Hotel, Nanjing, China
110. Korea Ethiopia Interventional Symposium, invited speaker and organizer, 1. How to treat hepatoma? 2. How to take care of interventional complications? 3. How to prepare for neurointerventional procedures? 23<sup>th</sup> to 27<sup>th</sup> April, Myungseong Medical Center, St. Paul Hospital, Addis Ababa, Ethiopia
111. Tuesday seminar, invited speaker, researches, clinics and education, Heart Research Center of Chonnam National University Hospital, 29<sup>th</sup> May, Kwangju, Republic of Korea
112. Chinese Congress of Interventional Radiology, Invited speaker 1. Intracranial stent; past, present and future 2. Emergency Interventional Radiology in Korea, Nanjing International Congress Hall, 14<sup>th</sup> to 17<sup>th</sup> June, Nanjing, China

113. Korean spring symposium of Radiology, Invited speaker, Mismatch hepatocellular carcinoma by radiofrequency Ablation, HwanHwa Tivoli Resort, Haewoondae, 23<sup>th</sup> to 24<sup>th</sup> June, Busan, Republic of Korea

114. Asian society of vascular society, oral presentation 1. Acute aortic syndrome 2. Graft stent for SVC perforation Poster presentation 1. Double lumen wire removed by three wire technique 2. Emergency Radiology, Dongbang hotel, 12<sup>th</sup> to 15<sup>th</sup> July 2018, Guangzhou, China.

115. First Shanghai Interventional Forum 2018, Invited speaker, Acute aortic syndrome, Shanghai Guangda International Exhibition Hotel, 10<sup>th</sup> to 12<sup>th</sup> August, Shanghai, China

116. 8<sup>th</sup> Asian congress of tumor ablation, Vascular Occlusion Effects of Endovascular Radiofrequency Wire Electrode on Rabbit Renal artery: Comparison with PVA Embolization, poster presentation 6<sup>th</sup> to 8<sup>th</sup> October, Chennai, India

117. 8<sup>th</sup> Neuroimaging Summit 2018 Japan Korea Taiwan: Neuro Radiology Cerebral air embolism: after central venous catheter removal: Poster presentation; 27<sup>th</sup> October, Taipei University Hospital, Taipei, Taiwan.

118. International conference on medical imaging & case reports: intracranial stent past, present and future, Invited speaker, October 29 to 31, Double Tree by Hilton Baltimore, MD USA, organizing by Johns Hopkins Hospital

119. The fifth Tumor Minimally Invasive Interventional Therapy and Targeted therapy International Forum: What is the ideal embolic materials? and How to treat Hepatomas in Korea? As invited speaker, December 7<sup>th</sup> to 9<sup>th</sup> Yaraung International Hotel, Beijing, China Organizing by Beijing University Hospital.

120. 2018 Hongcang International Medical Congress: The Interventional treatment of gastrointestinal bleeding, as an invited speaker, 22<sup>nd</sup> to 23<sup>rd</sup> December, Kerry Hotel, Pudong Shanghai, China; Organizing by Jitong University Hospital, Shanghai

121. 2019 Korean Dialysis Society, Chairman, February 16<sup>th</sup> 2019, Asan Medical Center, Seoul, Korea

122. 2019 Jinling International Emergency Interventional Radiology Forum, How to control of bleeding in Emergency Interventional Radiology? As invited speaker, 8<sup>th</sup> to 10<sup>th</sup> March 2019, Grand Hotel Nanjing, China.

123. 2019 Miyazaki University neuroimaging congress, Intracranial stent past present and future, Invited speaker, 15 to 16<sup>th</sup> March 2019, Sheraton hotel convention center, Miyazaki, Japan

124. Korean medical devices society, Gastrointestinal devices session, Pannelist 22<sup>th</sup> Kim Daejung convention center, Gwangju, Republic of Korea

125. Chinese College of Interventionalists 2019, 1. Emergency Interventional radiology 2. How to educate interventional Radiology in developing country? Invited speaker, 18<sup>th</sup> to 21<sup>th</sup> April Nanjing international youth center, Jeremiah hotel, Nanjing, China

126. Cardiovascular Summit TCTAP 2019, panelist, Aortic Intervention; Overcome the Complex Anatomy, 27<sup>th</sup> 30<sup>th</sup> April, 2019, COEX, Seoul, Korea

127. Gwangju International Cardiology symposium 2019, 1. Intracranial stent past, present and future. Invited speaker, and chair man 13<sup>th</sup> 16<sup>th</sup> June 2019

Kim Daejoong convention center, Gwangju Korea

128. Korean Medical Device Society, Panelist, How to develop biodegradable coronary stent? 21<sup>th</sup> to 22<sup>th</sup> June, Oroungwan, Gwangju Institute of Science and Technology, Gwangju, Republic of Korea

## REPRESENTATIVE PUBLICATIONS

- 1- DaeHyun Hwang, Kwangseol Lee et al., The significance of ultrasonography in urinary tract infection in children, J Korean Radiol Soc 1990;26:1265-1271
- 2- Kwangsel Lee, Daehyun Hwang et al., Sonographic findings of juxta-and subdiaphragmatic esophagus, J Korean Radiol Soc 1990;26:1174-1178
- 3- Daeyoung Yoon, Joongoo Han et al., Percutaneous Catheter Drainage of Abdominal Abscesses and Fluid Collections: Outcome in 165 Cases, J Korean Radiol Soc 1995;32, 269-274
- 4- DaeHyun Hwang, et al, Complications of Percutaneous Biliary Drainage; 108cases, Human Science, 19(10), 585-589, 1995. 10
- 5- Daehyun Hwang, Prognostic Factors of long term survivals of Hepatoma Chemo Embolization more than 3 years, Human Science, 19(12), 723-728, 1995. 12
- 6- Jee Hyun Kim, M.D., Dae Soon Kim, M.D., DaeHyun Hwang, M.D., et al., Evaluation of the Fourth Ventricular Size in Neonate : Using the Mid-Sagittal Image in Brain US & MRI, Journal of Korean Society of Ultrasound in Medicine 1996 ; 15 (2) : p.325-329
- 7- JaeHyung Park, DaeHyuun Hwang, Et al , Fenetration Angioplasty for Aorta Dissection, Type 3, Korea Interventional Radiology, Vol 1(1),20-21,1995,12



- 8- DaeHyun Hwang, Et al. ,Embolization treatment for Iatrogenic Arteriovenous fistular of Left common iliac vein. Korea Interventional Radiology, Vol 1(1), 26-27,1995,12
- 9- DaeHyun Hwang, Et al.,Urokinase thrombolysis for Occlusion of left common iliac artery, Korea Interventional Radiology, Vol 1(1), 34-35,1995,12
- 10-JaeHyun Park, DaeHyun Hwang,Et al., IVC Occlusion: Angioplasty and urokinase Combine Treatment., Korea Interventional Radiology, Vol 1(1), 62-63,1995,12
- 11-DaeHyun Hwang, et al.,Urokinas treatment for Multiple septated Hepatic Abscess, Korean Medical Society, 1996,10.
- 12-DaeHyun Hwang, ShinHo Lee, IkWon Kang, et al, Angioplasty for Left Common Iliac Artery, Korea Interventional Radiology, Vol 1(4), 40-41,1997,8
- 13-DaeHyun Hwang, WookJoong Kim,DaeSoon Kim, et al., Thrombolysis for Occlusion of Middle Cerebral Artery, Korea Interventional Radiology, Vol 1(4), 42-43,1997,8
- 14-DaeHyun Hwang, SunBok Kim, HonGil Seo, et al., Thrombolysis for Occlusion of Middle Cerebral Artery, Korea Interventional Radiology, Vol 1(4), 44-45,1997,8
- 15-DaeHyun Hwang, et al., Hemangioma and Arteriovenous Malformation: Percutaneous Sclerotherapy and Endovascular Treatment, J Korean Soc Vasc Surg: 1998 Jan; 14(01): 51~57
- 16-DaeHyun Hwang, Jin Wook Chung, Jae Hyung Park, Iliac Artery Stenosis and Occlusion: Treatment of Metallic Stent, J Korean Soc Vasc Surg: 1998 Jan; 14(01): 61~65.
- 17-DaeHyun Hwang ,Shin Ho Lee ,Dae Soon Kim et al, Foreignbody Removal Using Goose Neck Snare, J Korean Soc Vasc Surg: 1998 Jan; 14(01): 152~156.
- 18-TaeDo Kang, M.D., DaeHyun Hwang, M.D., KwangIk Jung, M.D., et al., Ultrasonography in Adhesive Capsulitis of Shoulder. J. of Korean Acad. of Rehab. Med. Vol. 22, No. 4, August, 1998
- 19-DaeHyun Hwang, DaeSoon Kim,et al., Angioplasty for Stenosis of Stomach and Esophagus, Korea Interventional Radiology, Vol 1(5), 58-59,1998,8
- 20-DaeHyun Hwang, Ik Won Kang, et al., Angioplasty for Stenosis of Deuoenophyloric Junction, Korea Interventional Radiology, , Vol 1(5), 85-86,1998,8
- 21-DaeHyun Hwang, SangHoon Bae, et al., Percutaneous Drainage for Recurrent Psueodcyst of pancreas, Korea Interventional Radiology, Vol 1(5), 103-104,1998,8

- 22-Wook-Jung Kim, Il-sung Lee, Yasung Shim et al, Bone and Joint changes following Electrical Burn : Plain Radiographic findings, J Korean Radiol Soc 1998;39:801-806
- 23-IJ Lee, SH Kim, SH Koo, HB Kim, DH Hwang, KS Lee, Y Lee, KT Jang, DH Kim, Bronchus-Associated Lymphoid Tissue(BALT) Lymphoma of the Lung Showing Mosaic Pattern of Inhomogeneous Attenuation on Thin- Section CT: A case Report, KJR,1:159-161,2000,9
- 24-Yul Lee, KwanSeop Lee, DaeHyun Hwang, InJae Lee, HyunBeom Kim, JaeYoung Lee: MR Imaging of Shaken Baby Syndrome, manifested as Chronic Subdural Hematoma; Korean J Radiology 2001;2:171-174
- 25-DaeHyun Hwang, HyungSim Choe, EunYoung Ko, et al., Case Report : Coil Embolization in Right Superior Thyroid Artery Pseudoaneurysm by Stab Wound; J Korean Soc Vasc Surg : 2002 Jan; 18(01): 161~164.
- 26-DaeHyun Hwang, IkWon Kang, Radiology Usefullness of Audiology, Journal of Korean Audiology, Vol 6(2). 2002
- 27-DaeHyun Hwang, Kitosan gelfoam embolization, comparative study gelfoam in Rabbit Renal Artery. ChoongAng University, Master course, Master Degree, Feb, 2004.
- 28-SungYun Choi, M.D., DaeHyun Hwang, M.D., HyeSun Yoon, M.D., A Case of Renal abscess in Neonate; J Korean Soc Neonatol 2005;12:200-205
- 29-DaeHyun Hwang: Vascular occlusion effects of endovascular Radiofrequency Wire electrode on Rabbit Renal atery Comparision with PVC, ChoongAng University, PhD. Course, PhD. Degree, Feb,2006.
- 30-JiEun Seok, M.D., SeonJeong Min, M.D., et al.: The Efficacy of Unenhanced MR Imaging for the Diagnosis of Acute Appendicitis: A Performance Comparison Versus Abdominal Ultrasonography: J Korean Radiol Soc 2008; 58:133-139
- 31-JihoonPark, DaeHyun Hwang, KookSun Kim, Et al.: May-thurner Syndrome patient: Deep vein Thrombosis :Korean Interventional Radiology, Vol 15 : 89-93,2008
- 32-ChangKeon Song, Daehyun Hwang, KookSeon Kim, et al., Treatment of Lower Urokinase Method for Occlusion of left politeal artery.: Korean Interventional Radiology: Vol 15:81-88,2008
- 33-Oh Yool, Daehyun Hwang, KookSeon Kim, et al., Interventional Radiologic Approach For Peripheral Disease.: Korean Interventional Radiology: Vol 15:65-67,2008

34. KookSeoun Kim, DaeHyun Hwang, Hayeon Oh, et al. : Embolization of both uterine arteries: Dysplastic Leukemic patient, Korean Interventional Radiology. Vol 15: 35-40.2008
35. LeeKG, Seo KJ, KangIW, HwangDH, Min SJ, Han UM, ChoiMH: MR Imaging findings of high voltage electrical burns in the upper extremities: correlation with angiographic findings: Acta Radiology, 2011;52:198-203
36. KimKS, HwangDH, KoYH, KangIW, LeeIS, HanYM, KimIS, HurhCW, MinSJ: Intracranial Stent Implantation for Drug Resistant Atherosclerotic Stenosis :Results of 52 cases: Korean Journal of Radiology. 2011;65:53-59
37. KimKS, LeeKG, SeoKJ, KwangIW, HwangDH, LeeIS, MinSJ, HanUM: Pyogenic Arthritis of the Ankle Joint Following a High -Voltage Electrical Burn in the Lower Extremities: A Case Report: Journal Korean Radiology Society: 2011;64:369-373
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39. Kim KS, Hwang DH, Ko YH, Kang IW, LeeIS, HanYM, MinSJ, Kim IS, Hur CW, Liu SY, Tong L, YouDF, Shi HB, Li Linsun: Usefulness of Stent Implantation for Treatment of Intracranial Atherosclerotic Stenoses: Neurointervention 2012;7:27-33
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# Planet Course 2014 Korea

Pierre LAsjaunias Neurovascular Educational Team Course  
6<sup>th</sup> cycle in Dongtan, Hwaseong, Korea

#### Directors:

In Sup CHOI, Karel terBURGE and Sittare PONGPECH

#### International Faculties:

I.S. Choi, K. terBrugga, S. Pongpech, G. Rodasch, P. Mardlar, A. Taylor, T. Krings

#### Local Faculties:

Dee Chul SUH, Dee Hyun HWANG, Dong Joon KIM, Soo Mee LIM, Hyun Jeong KIM

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#### 1<sup>st</sup> Session March 30<sup>th</sup> ~ April 4<sup>th</sup>, 2014

Will cover vascular anatomy of the maxillo-facial, skull base and central nervous system vasculature. Other topics will include skull base tumors, dural arteriovenous malformations and traumatic lesions of the head and neck vasculature. Further topics will be spinal cord vascular anatomy, vascular tumors and malformations as well as vascular malformations of the head and neck region.

#### 2<sup>nd</sup> Session October 26<sup>th</sup> ~ October 31<sup>th</sup>, 2014

Will cover the natural history, imaging and treatment of aneurysms, cerebral arteriovenous malformation as well as arterial and venous ischemia both in adults and in children.

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At

Hallym University Dongtan Sacred Heart Hospital  
<http://dongtan.hallym.or.kr/>

The official language of the course is English.

Candidates can originate from any country, nevertheless, should have a good command of English.

The theoretical and workshop courses are organized in one week seminars  
(from Sunday morning till Friday noon).

This course is designed for interventional Neuroradiologists, Endovascular Neurosurgeons and interventional Neurologists (professionals and or fellows) as well as allied health professionals.

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## REGISTRATION

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