

Dr. Seyed Ali Alamdarn

AlamdaranA@mums.ac.ir

D.O.B.: August 2, 1973



Address: Faculty of Medicine, Mashhad University of Medical Sciences, University Campus, Azadi Square, Mashhad, Iran.

Tel: +98 511 8828556

Fax: +98 511 8828560

Educational Qualifications	Academic Employment	Non Academic Appointments	Association/ Memberships
Scientific Publications <ul style="list-style-type: none">➤ Books➤ Papers in English➤ Papers in Persian<ul style="list-style-type: none">✓ Original Article✓ Case Report➤ Published Abstracts in International Seminars			
Research Interests	Research Projects (Scientific Projects/ Clinical Trials) <ul style="list-style-type: none">➤ Completed➤ Ongoing		
Presentations	Honors & Awards	Additional Skills	Interests, Hobbies, Family

Educational Qualifications

2001 **Iranian National Board of Radiology**
Ministry of Health and Medical Education
Tehran, Iran

Postgraduate

2001 **Radiologist**
Mashhad University of Medical Sciences
Mashhad, Iran

Undergraduate

1997 **Doctor of Medicine (GP)**
Faculty of Medicine
Mashhad University of Medical Sciences
Mashhad, Iran

Other Study Course

- CT scan module in Mashhad University of Medical Sciences (2004)
- Non vascular Interventional Radiology course in Baharestan Hospital. Esfahan (2006)
- Pediatric Radiology course in Children Medical Center. Tehran (2002)
- Three month fellowship in Pediatric Radiology in Lewisham and Great Ormond (UCL) University Hospitals (2008)
- MRI course module in UCL (2008)

Honors & Awards

2001 First-ranked on the National Board Examination for Radiology

Academic Employment

2011 – Present **Associate Professor of Radiology**
Mashhad University of Medical Sciences
Mashhad, Iran

2009 - Present **Dean of the Faculty of Medicine**
Mashhad University of Medical Sciences
Mashhad, Iran

2008 – Present **Director of the Department of Radiology**
Mashhad University of Medical Sciences
Mashhad, Iran

2007 – 2009 **Head of Dr. Sheikh Children's Hospital**
Mashhad University of Medical Sciences
Mashhad, Iran

2002 – 2009 **Head of the Department of Pediatric Radiology**
Dr. Sheikh Children Hospital
Mashhad University of Medical Sciences

	Mashhad, Iran
2001 – 2011	Assistant Professor of Radiology Mashhad University of Medical Sciences Mashhad, Iran
Memberships	
2010- Present	Supreme Council of Surgical Oncology Research Center Mashhad University of Medical Sciences Mashhad, Iran
2010	Board of Founders of Surgical Oncology Research Center Mashhad University of Medical Sciences Mashhad, Iran
2003	Cooperation on Development of the Department of Pediatric Radiology at Dr. Sheikh Children Hospital Mashhad University of Medical Sciences Mashhad, Iran
2005	Establishment of Non-vascular Interventional Radiology in Imam Reza and Dr. Sheikh Hospitals Mashhad University of Medical Sciences Mashhad, Iran
2008 - 2009	Research Consultant Mashhad University of Medical Sciences Mashhad, Iran
2008	Membership of clinical Research Committee of medical school Mashhad University of Medical Sciences Mashhad, Iran
2008	Executive Secretary of the 3- day Courses on Evaluation of Radiological Images (Specialized Radiography) Mashhad University of Medical Sciences Mashhad, Iran
2008-2010	Executive Secretary of the 2nd and 3rd Sarvar Festival Mashhad University of Medical Sciences Mashhad, Iran
2002	Scientific Committee of the 1st Sarvar Festival Mashhad University of Medical Sciences Mashhad, Iran
2001	Scientific Committee of the 2- day Congress on Updates in Pediatric Malignant Solid Tumors Mashhad University of Medical Sciences Mashhad, Iran

Scientific Publications

Books

- Sahebalam A, **Alamdaran A**, Feyzi Laein A. Basics of MRI. 2008 (Compiled in Persian)

Papers in English

1. ● **Alamdaran SA**, Naseri M, Beheshtian A. Comparison Between Photofluorography and Standard Fluoroscopic Voiding Cystourethrography in Evaluating Vesicoureteral Reflux in Children With Urinary Tract Infection. *Nephro-Urology Monthly*. 2012; 4(3): 541-4.
2. ● Mohammadpour AH, Nazemian F, Moallem SA, **Alamdaran SA**, Asad-Abadi E, Shamsara J. Correlation between heat-shock protein 27 serum concentration and common carotid intima-media thickness in hemodialysis patients. *Iran J Kidney Dis*. 2011 Jul;5(4):260-6.
3. ● Kianifar HR, Talebi S, Khazaei MR, Talebi S, Alamdaran A, Hiradfar S. Predisposing Factors for Nephrolithiasis and Nephrocalcinosis in Cystic Fibrosis. *Iranian Journal of Pediatrics*. 2011; 21(1): 65-71. [ISI Web of Science]
4. ● Moallem SA, Nazemian F, Eliasi S, **Alamdaran SA**, Shamsara J, Mohammadpour AH. Correlation between cathepsin D serum concentration and carotid intima-media thickness in hemodialysis patients. *Int Urol Nephrol*. 2010 Apr 13 [PubMed & ISI Web of Science Index; IF: 1.053]
5. ● Gholami-Malekshahi R, **Alamdaran SA**, Sadeghi R. Cuboid fracture in a toddler discovered on the whole body bone scan: A case report. *Iranian Journal of Nuclear Medicine* 2010; 18(2):52-5.
6. ● Behmanesh F, **Alamdaran A**, Kheibari FG. Chest radiograph abnormalities in childhood asthma. *Health Medical Journal*. 2010; 4 (4): 1100-2.
7. ● Naseri M, Varasteh AR, **Alamdaran SA**. Metabolic factors associated with urinary calculi in children. *Iran J Kidney Dis*. 2010 Jan; 4(1):32-8. [PubMed Index]
8. **Alamdaran A**, Esmailzadeh A, Noroozi HR, Mohajeri HR, Yazdani AA. Ultrasound-guided Core Needle Biopsy of Liver Hemangiomas: Three-Year Experience. *Iran. J. Radiol*. Summer 2007, 4(4)
9. ● **Alamdaran A**, Nazemian F, Taheri H. Doppler Ultrasound Assessment of Well-Functioning Native Hemodialysis Access: Comparison with Sufficient Dialysis. *Iran J Radiol*. 2008; 5(2): 101-6. [ISI Web of Science]
10. ● Naseri M, **Alamdaran A**. Urinary tract infection and predisposing factors in children. *Iran J Pediatr*. 2007 Sept; 17(3): 263-70. [ISI Web of Science]
11. ● **Alamdaran A**, Esmailzadeh A, Noroozi HR, Mohajeri HR, Yazdani AA. Ultrasound-guided Core Needle Biopsy of Liver Hemangiomas: Three-Year Experience. *Iran J Radiol*. 2007;4(4) : 255-8. [ISI Web of Science]
12. ● **Alamdaran A**, Kianifar HR, Adelkha A. Diagnosis of Colorectal Polyps by Hydrocolonic Sonography in Children with Rectal Bleeding. *Iran J Radiol*. 2006;3(4) : 235-40. [ISI Web of Science]
13. ● **Alamdaran A**, Hiradfar M, Zandi B, Oureei M, Taheri R. Diagnostic Value of Ultrasound Findings in Mesenteric Lymphadenitis in Children with Acute Abdominal Pain. *Iran J Radiol*. 2005 June; 2(3-4):137-40. [ISI Web of Science]

14. ● **Alamdaran S.A**, Zandi B, Sadegipore S, Esfandiari H, "Ultrasound guided hydrostatic reduction of childhood intussusception using water enema" Iran J Med Sci. December 2006; Vol 31, No 4

Papers in Persian

✓ Original Article

1. ● Hashemi J, Ghane-Sharbat F, **Alamdaran SA**, Esmaeili M, Ansari E. One-Year Follow-Up of Radiologic and Clinical Findings in Children with Prenatal and Neonatal Hydronephrosis. 2012; 19(6): 584-91.
2. ● Afzali N, **Alamdaran SA**. Comparison of mammographic changes in two common regimens of post menopausal hormone replacement therapy. Medical Daneshvar. 2009;16(79):7-10.
3. ● Esmaeili M, **Alamdaran SA**. Combining of radiocontrast cystourethrography with radionuclide cystography for detection of elusive vesicoureteral reflux" Medical Journal of Mashhad University of Medical Sciences Vol 48, No .88 P: 171-6 Summer 2005.

✓ Case Report

1. Alamdaran A, Nobahar V. "Situs inversus and malrotation" medical journal of the Iranian Hospital, July 2003, Vol 6, No 1 P: 89- 91.
2. Sadegipour S, Hiradfar M, Zabolinejat N, Alamdaran S.A "Congenital pouch colon with imperforated anus; report of 3 cases" The journal of Qazvin University of Medical Sciences, Vol. 10, No. 1, P 133-6 Spring 2006
3. Zabolinejat N, Sadegipour S, Badiie Z, , Alamdaran A "juvenile Granulosa cell tumour of the ovary in a month-old infant" Medical Journal of Mashhad University of Medical Sciences, 2004 Vol 47, No 84, P:218-23
4. Alamdaran S.A, Esmaeili M, Faizi A, Asali A: Congenital obstructive anomalies of anterior urethra: diagnostic methods
5. Alamdaran A, Taghdisi F. Prolapsing Ureterocele in Two Infant Boys. Iran J Radiol. 2009; 6(3): 163-5. [ISI Web of Science]

Published Abstracts in International Congress

1. **Alamdaran A**, Zabolinejad N, Rahimi HR, Farokh D, Hiradfar M, Nowbahar V, "Pediatric lung masses in thirty seven operated cases" Eur Respir J 2005; 26: Suppl. 49, 315s
2. Sadeghipoor S, Hiradfar M, Zabolinezhad N, **Alamdaran A**. Congenital pouch colon. Asian Journal of Surgery J 2005; 28(1): Suppl.
3. **Alamdaran A**, Roshanzamir F, Zabolinejad N, Farrokh D, Hiradfar M, Nowbahar V, "Pediatric lung masses in 37 operated cases" Congress proceeding: 9th Congress of Asian Pacific Society of Respiratory. Respiratory 2004; 9: Suppl.
4. Hiradfar M, Zabolinejad N, **Alamdaran A**, Gharavi Fard M, "Modified one stage trans anal pull through operation" Congress proceeding: 20th Congress of Asian Association of Pediatric Surgery.
5. **Alamdaran A**, Sadeghipoor S, Esfandiari H, "Ultrasound guided hydrostatic reduction of

childhood intussusception by water enema" Congress proceeding: 20th Congress of Asian Association of Pediatric Surgery.

6. **Alamdaran A, Zandi B.** "Ultrasound guided hydrostatic reduction of intussusception" Congress proceeding: 22nd Iranian Congress of Radiology.

7. **Alamdaran A.** "New scientific pearl about biologic effect of ionizing radiation" Iran J Radiol 5 Supple.

Thesis

- Relationship between homocysteine and traditional risk factors of cardiovascular diseases on carotid intima-media thickness before and six months after renal transplantation.
- Evaluation of success rate and complications of ultrasonography – guided PAIR in treatment of the liver hydatid cyst of patients referred to Imam Reza Hospital (2006)
- Comparison of the cystourethrogram (VCUG) results performed one Vs. four weeks after the first UTI in 1 month to 15 years old children
- Evaluation of results obtained from modified VCUG without fluoroscopy in patients with UTI referred to Radiologic Ward of Dr. Sheikh hospital during 2 years
- Evaluation of the diagnostic accuracy of US for screening of blunt abdominal trauma in patients admitted to shahid Hashemi Nejad Hospital from Mar.2003 to Dec.2006
- Evaluation of results obtained from modified VCUG without fluoroscopy in patients with UTI referred to Radiologic Ward of Dr. Sheikh hospital during 2 years.
- Investigation of ultrasonographic findings in neurogenic bladder and compare with control group
- Assessment of diagnostic accuracy of hydrosonography in pediatric colonic polyps
- Assessment of sacral ratio and urodynamic findings in children with non organic voiding dysfunction.(in 2004-2005)
- Comparison of sonographic changes of the carotid arteries with laboratory findings in asymptomatic patients candidated for renal transplant
- Assessment of the diagnostic value of sonographic findings of hypo/hyper reflexive bladder in children with chronic or recurrent abdominal pain from Dec.2006 to Jul. 2007
- Assessment of ultrasonographic findings in diagnosis of mesenteric lymphadenitis in 200 patients with acute abdominal pain and comparing with normal group
- Evaluation of hydrostatic reduction of intussusceptions under ultrasonographic guide in referral patient to radiology department of Sheikh Hospital
- Evaluation of chest x-ray finding in children asthma
- Prospective comparative study of common organisms causing atypical pneumonia and bronchiolitis in infants less than 1 year-old in Dr. Sheikh hospital during 1387-1388
- Clinical and radiological evaluation of children with fetal or infantile hydrone phrosis referred to Dr. Skeikh hospital in 1388
- Success rates and complications of transjugular liver biopsies with ultrasound guidance in radiology department of Imam Reza Hospital
- Evaluation of axillary recurrence in the breast cancer patients with negative sentinel lymph node who underwent sentinel node mapping during 1385-1387
- The study of epidemiology, clinical pattern and long-term complications of Toxic (Transient) Synovitis of Hip in children with limping in pediatric infectious diseases clinic and department of Imam Reza Hospital

Research Interests

- Pediatric Radiology
- Interventional Radiology

Research projects (Scientific Projects/ Clinical Trials):

Completed

- Incidence of voiding dysfunction in children with nocturnal enuresis. Research Project No: 85075, Date of Approval: October 18, 2006.
- Color Doppler ultrasound assessment of well-functioning mature arteriovenous fistulas for hemodialysis access. Research Project No: 84441, Date of Approval: March 8, 2006.
- Effective factors in response to polycitra-k and hydrochlorothiazide in children with nephrolithiasis and hypercalciuria. Research Project No: 84368, Date of Approval: August 30, 2006.
- Assessment of VCUG and sonographic findings in UTI patients in radiology department of Dr. Sheikh children hospital. Research Project No: 84303, Date of Approval: November 23, 2005.
- Assessment of sacrum ratio and urodynamic finding in children with voiding dysfunction (2004-2005). Research Project No: 84002, Date of Approval: April 20, 2005.
- The effects of butolinum toxin in drooling of children with cerebral palsy. Research Project No: 83232, Date of Approval: March 9, 2005.

Ongoing

- Evaluation of axillary lymph node recurrence in the breast cancer patients with negative sentinel lymph node biopsy in 2 years follow up. Research Project No: 89084, Date of Approval: August 18, 2010.
- Success rates and complications of transjugular liver biopsies with ultrasound guidance in radiology department of Imam Reza Hospital. Research Project No: 89025, Date of Approval: May 12, 2010.
- Determination of patient radiation dose in spot film VCUG and photofluorographic VCUG compared with standard fluoroscopic VCUG in less than 5 years UTI children. Research Project No: 87847, Date of Approval: July 21, 2010.
- Prospective comparative study of common organisms causing atypical pneumonia and bronchiolitis in infants less than 1 year-old in Dr. Sheikh hospital during 2008-2009. Research Project No: 86602, Date of Approval: June 3, 2009.
- Study of hydroalcoholic saffron stigma effects on quality of life and response to treatment in patients suffering from liver metastases. Research Project No: 87432, Date of Approval: November 5, 2008
- Relationship between homocysteine and traditional risk factors of cardiovascular diseases on carotid intima-media thickness before and six months after renal transplantation. Research Project No: 86187, Date of Approval: August 1, 2007.
- Assessment of Incidence of pulmonary hypertension and pulmonary hypertension pressure changes in hemodialysis patients in Imam Reza hospital. Research Project No: 86050, Date of Approval: May 9, 2007.
- Evaluation of relationship between Intima -media thickness of carotid arteries and duration of type 1 diabetes. Research Project No: 86027, Date of Approval: April 25, 2007.
- Evaluation of success rate and complications of ultrasonography – guided PAIR in treatment of the

liver hydatid cyst of patients referred to Imam Reza Hospital (2006). Research Project No: 85234,
Date of Approval: 07.03.2007

Presentations		
Date	Location	Title
● January 17, 2008	Seminar on Ultrasonography, Mashhad	Ultrasonography in acute and chronic pediatric abdominal pain
● January 16, 2008	CME Program, MUMS	New techniques in computed tomography (CT) scanning of pediatric patients
● January 15, 2008	Seminar on Color Doppler Ultrasound, Mashhad	Physics of Color Doppler Imaging
● January 03, 2008	Conference on Gastrointestinal Lymphoma, Mashhad	Imaging of gastrointestinal lymphoma
● December 13, 2007	Seminar on Breast Cancer, Torbat Heydariyeh	Imaging techniques in breast cancer
● October 31, 2007	3 rd Sarvar Festival, Mashhad	Imaging findings in children with urinary tract infection (Poster presentation)
● October 31, 2007	3 rd Sarvar Festival, Mashhad	Pediatric Renal diseases (Panel presentation)
● July 19, 2007	Conference, Imam Reza Hospital	Constipation in pediatric patients (Panel presentation)
● February 3, 2007	In- service training for radiology technologist, MUMS	Pharmacology in radiology (Panel presentation)
● November 1, 2006	Congress on respiratory diseases in pediatric surgery, Tehran	Radiological studies of lucent lung lesions in pediatric patients hospitalized in Dr. Sheikh children hospital (Poster presentation)
● November 1, 2006	Congress on respiratory diseases in pediatric surgery, Tehran	Retrospective study of pediatric patients with pulmonary hydatid cysts in Imam Reza and Dr. Sheikh hospitals (Poster presentation)
● November 1, 2006	Congress on respiratory diseases in pediatric surgery, Tehran	Key points in imaging of lungs in pediatric patients
● November 29, 2006	CME Program, MUMS	Magnetic resonance imaging (MRI) in interventional procedures
● November 28, 2006	CME Program, MUMS	Computed tomography (CT) scanning in interventional procedures
● November 27, 2006	CME Program, MUMS	Ultrasonography in interventional procedures
● March 18, 2006	In- service training for radiology technologist, MUMS	Evaluation and interpretation of radiological images (General Radiography)
● March 14, 2006	CME Program, MUMS	Principal of Radiology in color Doppler imaging
● January 25, 2006	Congress on Vascular Access and Dialysis, MUMS	Doppler ultrasound findings of arteriovenous fistulas in hemodialysis patients with chronic renal failure
● December 29, 2005	Conference, Imam Reza Hospital, Mashhad	Urinary tract infection and reflux in children
● November 24, 2005	CME Program, MUMS	"Mammography", radiography of the breast
● November 23, 2005	CME Program, MUMS	Diagnostic radiological procedures in cardiovascular diseases

● November 22, 2005	CME Program, MUMS	Pulmonary cystic lesion
● March 17, 2005	In- service training for radiology technologist, MUMS	Basic Principles of MRI
● March 18, 2005	CME Program, MUMS	Congenital lesions and radiological anatomy of the urinary tract
● March 10, 2005	In- service training for radiology technologist, MUMS	Evaluation of radiological images (Specialized Radiography)
● November 11, 2004	CME Program, MUMS	Ultrasonography of hip joint
● October 6, 2004	CME Program, MUMS	Space occupying lesions of the brain
● September 30, 2004	CME Program, MUMS	Diagnostic Approach to pediatric acute abdomen (Panel presentation)
● September 30, 2004	CME Program, MUMS	Diagnostic tools in pediatric acute abdomen
● December 30, 2003	CME Program, MUMS	Peptic Ulcer
● December 11, 2002	1 st Sarvar Festival, Mashhad	Report of 5 th case of situs inversus with intestinal malrotation
● December 11, 2002	1 st Sarvar Festival, Mashhad	Pediatric surgery (Panel presentation)

Additional Skills

Computer:

Word	Advanced
Access	Upper intermediate
SPSS	Elementary
PowerPoint	Advanced
Excel	Intermediate

Languages:

English	Intermediate
---------	--------------