



MASTER PEDIATRIC ENDOCRINOLOGY AND DIABETES

Curriculum Vitae

Personal Information

Name **Sonia Toni**
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Nationality **Italian**
Date of birth **5/3/1956**

Position

Pediatrician, Chief of Pediatric Diabetologic Unit

Education and training

Date	1984-1988
Title of qualification awarded	Graduated in Paediatrics Thesis title: "Albumin excretion rate in children with diabetes"
Name and type of organisation providing education	Department of Paediatrics, University of Florence, Anna Meyer Children's University Hospital, via Luca Giordano 13, Florence, Italy.
Final degree	Final degree 70/70 cum laude
Date	February 1984
Title of qualification awarded	Qualification for professional practice
Name and type of organisation providing education	University of Florence, Largo Brambilla 3, 50134 Firenze
Final degree	90/90
Date	January 1984
Title of qualification awarded	Degree in Medicine and Surgery (107/110) from the University of Florence, School of Medicine and Surgery, defending my dissertation entitled "Pulmonary infections in patients affected by Cystic Fibrosis. The experience of the Centre in Florence" Supervisor: Prof.ssa Lore Marianelli.

Name and type of organisation providing education	Medical School, School of Medicine and Surgery, University of Florence, Largo Brambilla 3, 50134 Firenze																																							
Final degree	107/110																																							
Date	1970-1975																																							
Title of qualification awarded	High school diploma specialising in scientific subjects.																																							
Name and type of organisation providing education	Scientific High school, Liceo Scientifico “Amedeo di Savoia Duca d’Aosta” in Pistoia.																																							
Title of qualification awarded	Member of the Italian Diabetologic Medical Association (AMD).																																							
Title of qualification awarded	Member of the Italian Society of Pediatric Endocrinology and Diabetology (SIEDP/ISPED).																																							
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Computer skills	WORD, EXCEL, POWER POINT																																							
Work Experience	1991 Senior House Officer (First level MD) at Regional Center for Pediatric Diabetes, Meyer Children Hospital, Florence- Italy 2004 Acting chief of Regional Center for Pediatric Diabetes, Meyer Children Hospital, Florence. 2005 Head of Regional Center for Pediatric Diabetes, Meyer Children Hospital, Florence From 1984 to date Organization of 150 educational camps for children with diabetes and their parents																																							

Publications

1. Danne T, Battelino T, Jarosz-Chobot P, Kordonouri O, Pánkowska E, Ludvigsson J, Schober E, Kaprio E, Saukkonen T, Nicolino M, Tubiana-Rufi N, Klinkert C, Haberland H, Vazeou A, Madacsy L, Zangen D, Cherubini V, Rabbone I, **Toni S**, de Beaufort C, Bakker-van Waarde W, van den Berg N, Volkov I, Barrio R, Hanas R, Zumsteg U, Kuhlmann B, Aebi C, Schumacher U, Gschwend S, Hindmarsh P, Torres M, Shehadeh N, Phillip M; PedPump Study Group. Establishing glycaemic control with continuous subcutaneous insulin infusion in children and adolescents with type 1 diabetes: experience of the PedPump Study in 17 countries. *Diabetologia*. 2008 Sep;51(9):1594-601.
2. Lorini R, Klersy C, d'Annunzio G, Massa O, Minuto N, Iafusco D, Bellannè-Chantelot C, Frongia AP, **Toni S**, Meschi F, Cerutti F, Barbetti F; Study Group of Italian Society of Pediatric Endocrinology and Diabetology (ISPED). Maturity-Onset Diabetes of the Young (MO DY) in Children with Incidental Hyperglycemia. A Multicenter Italian Study on 172 families. *Diabetes Care*. 2009 . doi: 10.2337/dc08-2018.
3. Rabbone I, Scaramuzza A, Bobbio A, Bonfanti R, Iafusco D, Lombardo F, **Toni S**, Tumini S, Cerutti F. Insulin pump therapy management in very young children with type 1 diabetes using continuous subcutaneous insulin infusion. *Diabetes Technol Ther*. 2009; 11(11):707-9.
4. Barbetti F, Cobo-Vuilleumier N, Dionisi-Vici C, **Toni S**, Ciampalini P, Massa O, Rodriguez-Bada P, Colombo C, Lenzi L, Garcia-Gimeno MA, Bermudez-Silva FJ, Rodriguez de Fonseca F, Banin P, Aledo JC, Baixeras E, Sanz P, Cuesta-Muñoz AL. Opposite clinical phenotypes of glucokinase disease: Description of a novel activating mutation and contiguous inactivating mutations in human glucokinase (GCK) gene. *Mol Endocrinol*. 2009;23(12):1983-9.
5. Lenzi L, Mirri S, Generoso M, Guasti M, Barni F, Pepe R, Nanni L, **Toni S**. Thyroid autoimmunità and type 1 diabetes in children and adolescents: screening data from Juvenile Diabetes Tuscany Regional Centre. *Acta Biomed*. 2009;80(3):203-6.
6. Giglio S, Contini E, **Toni S**, Pela I. Growth hormone therapy-related hyperglycaemia in a boy with renal cystic hypodysplasia and a new mutation of the HNF1 beta gene. *Nephrol Dial Transplant*. 2010 Sep;25(9):3116-9.
7. Bruno G, Maule M, Merletti F, Novelli G, Falorni A, Iannilli A, Iughetti L, Altobelli E, d'Annunzio G, Piffer S, Pozzilli P, Iafusco D, Songini M, Roncarolo F, **Toni S**, Carle F, Cherubini V; RIDI Study Group. Age-period-cohort analysis of 1990-2003 incidence time trends of childhood diabetes in Italy: the RIDI study. *Diabetes*. 2010;59(9):2281-7, 2010.
8. Scaramuzza AE, Iafusco D, Rabbone I, Bonfanti R, Lombardo F, Schiaffini R, Buono P, **Toni S**, Cherubini V, Zuccotti GV; Diabetes Study Group of the Italian Society of Paediatric Endocrinology and Diabetology. Use of integrated real-time continuous glucose monitoring/insulin pump system in children and adolescents with type 1 diabetes: a 3-year follow-up study. *Diabetes Technol Ther*. 2011 Feb;13(2):99-103.
9. Franzese A, Iafusco D, Spadaro R, Cavaliere O, Prisco F, Auricchio R, Troncone R, Valerio G; Study-Group on Diabetes of Italian Society of Pediatric Endocrinology and Diabetology. Potential celiac disease in type 1 diabetes: a multicenter study. *Diabetes Res Clin Pract*. 2011 Apr;92(1):53-6.
10. Russo L, Iafusco D, Brescianini S, Nocerino V, Bizzarri C, **Toni S**, Cerutti F, Monciotti C, Pesavento R, Iughetti L, Bernardini L, Bonfanti R, Gargantini L, Vanelli M, Aguilar-Bryan L, Stazi MA, Grasso V, Colombo C, Barbetti F; the ISPED Early Diabetes Study Group. Permanent diabetes during the first year of life: multiple gene screening in 54 patients. *Diabetologia*. 2011 Mar 10.
11. D'Annunzio G, Vanelli M, Pistorio A, Minuto N, Bergamino L, Iafusco D, Lorini R; Diabetes Study Group of the Italian Society for Pediatric Endocrinology and Diabetes. Insulin resistance and secretion indexes in healthy Italian children and adolescents: a multicentre study. *Acta Biomed*. 2009 Apr;80(1):21-8.
12. Franzese A, Iafusco D, Spadaro R, Cavaliere O, Prisco F, Auricchio R, Troncone R, Valerio G; Study-Group on Diabetes of Italian Society of Pediatric Endocrinology and Diabetology. Potential celiac disease in type 1 diabetes: a multicenter study. *Diabetes Res Clin Pract*. 2011 Apr;92(1):53-6.
13. Rabbone I, Scaramuzza AE, Iafusco D, Bonfanti R, Lombardo F, Cherubini V, **Toni S**, Cerutti F, Zuccotti GV. Pandemic influenza vaccination coverage in children with type 1 diabetes: Analysis from seven Italian centers. *Hum Vaccin*. 2011 Dec 1;7(12).
14. Fainardi V, Scarabello C, Cangelosi A, Fanciullo L, Mastroianni C, Giannini C, Mohn A, Iafusco D, La Loggia A, Lombardo F, **Toni S**, Valerio G, Franzese A, Prisco F, Chiarelli F, Vanelli M. Physical activity and sedentary lifestyle in children with type 1 diabetes: a multicentre Italian study. *Acta Biomed*. 2011 Aug;82(2):124-31.
15. Ramondetti F, Sacco S, Comelli M, Bruno G, Falorni A, Iannilli A, d'Annunzio G, Iafusco D, Songini M, **Toni S**, Cherubini V, Carle F; RIDI Study Group. Type 1 diabetes and measles, mumps and rubella childhood infections within the Italian Insulin-dependent Diabetes Registry. *Diabet Med*. 2011 Dec 1. doi: 10.1111/j.1464-5491.2011.03529.x.
16. Salardi S, Porta M, Maltoni G, Rubbi F, Rovere S, Cerutti F, Iafusco D, Tumini S, Cauvin V; Diabetes Study Group of the Italian Society of Paediatric Endocrinology and Diabetology. Infant and toddler type 1 diabetes: complications after 20 years' duration. *Diabetes Care*. 2012;35(4):829-33.

17. Piccini B, **Toni S**, Lenzi L, Guasti M, Barni F, De Martino M. Type 1 diabetes onset and pandemic influenza A (H1N1). *Int J Immunopathol Pharmacol*. 2012 Apr-Jun;25(2):547-9.
18. Nisticò L, Iafusco D, Galderisi A, Fagnani C, Cotichini R, Toccaceli V, Stazi MA; Study Group on Diabetes of the Italian Society of Pediatric Endocrinology and Diabetology. Emerging effects of early environmental factors over genetic background for type 1 diabetes susceptibility: evidence from a Nationwide Italian Twin Study. *J Clin Endocrinol Metab*. 2012 Aug;97(8):E1483-91.
19. Valerio G, Iafusco D, Zucchini S, Maffei C; Study-Group on Diabetes of Italian Society of Pediatric Endocrinology and Diabetology (ISPED). Abdominal adiposity and cardiovascular risk factors in adolescents with type 1 diabetes. *Diabetes Res Clin Pract*. 2012 Jul;97(1):99-104.
20. Ramondetti F, Sacco S, Comelli M, Bruno G, Falorni A, Iannilli A, d'Annunzio G, Iafusco D, Songini M, **Toni S**, Cherubini V, Carle F; RIDI Study Group. Type 1 diabetes and measles, mumps and rubella childhood infections within the Italian Insulin-dependent Diabetes Registry. *Diabet Med*. 2012 Jun;29(6):761-6. doi: 10.1111/j.1464-5491.2011.03529.x
21. Scaramuzza A, Cherubini V, Tumini S, Bonfanti R, Buono P, Cardella F, d'Annunzio G, Frongia AP, Lombardo F, Monciotti AC, Rabbone I, Schiaffini R, **Toni S**, Zucchini S, Frontino G, Iafusco D; Diabetes Study Group of the Italian Society for Pediatric Endocrinology and Diabetology. Recommendations for self-monitoring in pediatric diabetes: a consensus statement by the ISPED. *Acta Diabetol*. 2013 Oct 27.
22. Piccini B, **Toni S**, Lenzi L, Barni F, Guasti M, Belli F, de Martino M. Specific use of CSII during enteral nocturnal nutrition in a child with type 1 diabetes, Hashimoto's thyroiditis, and Down syndrome. *Arq Bras Endocrinol Metabol*. 2013 Jul;57(5):388-92.
23. Valerio G, Maffei C, Zucchini S, Lombardo F, **Toni S**, Rabbone I, Federico G, Scaramuzza A, Franzese A, Cherubini V, Zedda MA, Calcaterra V, Lera R, Cardinale G, Bruzzese M, Iughetti L, Gallo F, De Donno V, De Berardinis F, Iafusco D. Geographic variation in the frequency of abdominal adiposity and metabolic syndrome in Italian adolescents with type 1 diabetes. *Acta Diabetol*. 2013 Jun 27.
24. Cherubini V, Gesuita R, Bonfanti R, Franzese A, Frongia AP, Iafusco D, Iannilli A, Lombardo F, Rabbone I, Sabbion A, Salvatoni A, Scaramuzza A, Schiaffini R, Sulli N, **Toni S**, Tumini S, Mosca A, Carle F; VIPKIDS Study Group. Health-related quality of life and treatment preferences in adolescents with type 1 diabetes. The VIPKIDS study. *Acta Diabetol*. 2013 Mar 19.
25. la Marca G, Malvagia S, **Toni S**, Piccini B, Di Ciommo V, Bottazzo GF. Children who develop type 1 diabetes early in life show low levels of carnitine and amino acids at birth: does this finding shed light on the etiopathogenesis of the disease? *Nutr Diabetes*. 2013 Oct 28;3:e94. doi:10.1038/nutd.2013.33.
26. Cherubini V, Pintauro B, Rossi MC, Lucisano G, Pellegrini F, Chiumello G, Frongia AP, Monciotti C, Patera IP, **Toni S**, Zucchini S, Nicolucci A; the SHIP-D Study Group. Severe hypoglycaemia and ketoacidosis over one year in Italian pediatric population with type 1 diabetes mellitus: A multicenter retrospective observational study. *Nutr Metab Cardiovasc Dis*. 2013 Dec 3. pii: S0939-4753(13)00299-8. doi: 10.1016.
27. Pinelli M, Acquaviva F, Barbetti F, Caredda E, Coccozza S, Delvecchio M, Mozzillo E, Pirozzi D, Prisco F, Rabbone I, Sacchetti L, Tinto N, **Toni S**, Zucchini S, Iafusco D; Italian Study Group on Diabetes of the Italian Society of Pediatric Endocrinology and Diabetology (ISPED). Identification of Candidate Children for Maturity-Onset Diabetes of the Young Type 2 (MODY2) Gene Testing: A Seven-Item Clinical Flowchart (7-iF). *PLoS One*. 2013 Nov 11;8(11):e79933. doi: 10.1371.
28. Piccini B, Capirchio L, Lenzi L, Guasti M, Braccisi G, Bresci C, Casalini E, Fiorini P, Agostini E, **Toni S**. Continuous subcutaneous infusion of protein C concentrate using an insulin pump in a newborn with congenital protein C deficiency. *Blood Coagul Fibrinolysis*. 2014 Feb 6.
29. Iafusco D, Salardi S, Chiari G, **Toni S**, Rabbone I, Pesavento R, Pasquino B, de Benedictis A, Maltoni G, Colombo C, Russo L, Massa O, Sudano M, Cadario F, Porta M, Barbetti F; Early Onset Diabetes Study Group of the Italian Society of Pediatric Endocrinology and Diabetology (ISPED). No sign of proliferative retinopathy in 15 patients with permanent neonatal diabetes with a median diabetes duration of 24 years. *Diabetes Care*. 2014 Aug;37(8):e181-2.
30. d'Annunzio G, Gialletti S, Carducci C, Rabbone I, Lo Presti D, **Toni S**, Zito E, Bolloli S, Lorini R, Della Casa Alberighi O. Italian translation, cultural adaptation and validation of the PedsQL 3.0 Diabetes Module questionnaire in children with type 1 diabetes and their parents. *Health Qual Life Outcomes*. 2014 Jul 19;12(1):115.
31. Francia PG, Cammarata M, Gulisano M, **Toni S**. Postural alteration and limited joint mobility in young patient with type 1 Diabetes mellitus. 727 P 2015 [board 727]. ADA Congress, Boston, June 2015.
32. Rabbone I, Iafusco D, La Loggia A, **Toni S**, et al. Improved health related Quality of Life (HRQoL) in Young Italian with type 1 diabetes who reached A1c target. The Teens study. 868 P 2015 [board 868] ADA Congress, Boston, June 2015.
33. Cherubini V, Gesuita R, Bechaz M, **Toni S** et al. Incidence of Type 1 Diabetes in Italy during 2004-2013. 1556- P 2015 [board 1556] ADA Congress, Boston, June 2015.

44. Francia P, Seghieri G, Gulisano M, De Bellis A, **Toni S**, Tedeschi A, Anichini R. The role of joint mobility in evaluating and monitoring the risk of diabetic foot ulcer. *Diabetes Res Clin Pract.* 2015 Jun;108(3):398-404.
45. Bruttomesso D, Laviola L, Lepore G, Bonfanti R, Bozzetto L, Corsi A, Di Blasi V, Girelli A, Grassi G, Iafusco D, Rabbone I, Schiaffini R. Italian Study Group on Diffusion of CSII. Continuous subcutaneous insulin infusion in Italy: third national survey. *Diabetes Technol Ther.* 2015 Feb;17(2):96-104.
46. Zucchini S, Scaramuzza AE, Bonfanti R, Buono P, Cardella F, Cauvin V, Cherubini V, Chiari G, d'Annunzio G, Frongia AP, Iafusco D, Maltoni G, Patera IP, **Toni S**, Tumini S, Rabbone I; Diabetes Study Group of The Italian Society For Pediatric Endocrinology And Diabetology. A Multicenter Retrospective Survey regarding Diabetic Ketoacidosis Management in Italian Children with Type 1 Diabetes *J Diabetes Res.* 2016;2016:5719470. doi: 10.1155/2016/5719470.
47. Salardi S, Porta M, Maltoni G, Cerutti F, Rovere S, Iafusco D, Tumini S, Cauvin V, Zucchini S, Cadario F, d'Annunzio G, **Toni S**, Salvatoni A, Zedda MA, Schiaffini R; Diabetes Study Group of the Italian Society of Pediatric Endocrinology and Diabetology (ISPED). Ketoacidosis at diagnosis in childhood-onset diabetes and the risk of retinopathy 20years later. *J Diabetes Complications.* 2016 Jan-Feb;30(1):55-60.
48. Gesuita R, Skrami E, Bonfanti R, Cipriano P, Ferrito L, Frongia P, Iafusco D, Iannilli A, Lombardo F, Mozzillo E, Paleari R, Rabbone I, Sabbion A, Salvatoni A, Scaramuzza A, Schiaffini R, Sulli N, **Toni S**, Carle F, Cherubini V. The role of socio-economic and clinical factors on HbA1c in children and adolescents with type 1 diabetes: an Italian multicentre survey. *Pediatr Diabetes.* 2016 Mar 16. doi:10.1111/pedi.12378.
49. Francia PG, Anichini R, De Bellis A, Seghieri G, Tedeschi A, Piccini B, **Toni S**, Gulisano M. Evaluating Ankle Joint Mobility for ulcerative risk: a different method. Poster 637P. Atti 76 scientific session ADA, 10-14 june 2016 New Orleans.
50. **Toni S**. in Cura alle stelle. Manuale di medicina narrativa. Firenze: Maria Margherita Bulgarini, 2016 Emmebi edizioni ISBN:978-88-98019-27-4
51. Piccini B, Artuso R, Lenzi L, Guasti M, Braccesi G, Barni F, Casalini E, Giglio S, **Toni S**. Clinical and molecular characterization of a novel INS mutation identified in patients with MODY phenotype. *Eur J Med Genet.* 2016 Sep 19. pii: S1769-7212(16)30343-3. doi: 10.1016/j.ejmg.2016.09.016.
52. Rabbone I, Minuto N, Bonfanti R, Marigliano M, Cerutti F, Cherubini V, d'Annunzio G, Frongia A, Iafusco D, Ignaccolo G, Lombardo F, Schiaffini R, **Toni S**, Tumini S, Zucchini S, Pistorio A, Scaramuzza AE; Italian Paediatric Pump Failure Study Group. Insulin pump failures in Italian children with Type 1 diabetes: retrospective 1-year cohort study. *Diabet Med.* 2016 Nov 25. doi: 10.1111/dme.1.

Book chapter

1. **Toni S**, Barni F, Guasti M, Lenzi L, Piccini B. Il diabete mellito. In: de Martino. *Pediatria*, Edises ed, 2011.
2. **Toni S**. La voce dei bimbi. In: Polvani S. *Cura alle stelle. Manuale di medicina narrativa*. Firenze: Maria Margherita edizioni ISBN:978-88-98019-27-4

Date

12/10/2017

