

Formazione e studi

Dottorato di Ricerca in Statistica, Statistica Applicata e Finanza Quantitativa, Dipartimento di Scienze Statistiche e Matematiche “Silvio Vianelli”, Facoltà di Economia di Palermo;

Laurea in Scienze Statistiche ed Economiche, Facoltà di Economia e Commercio di Palermo, votazione: **110/110 con Lode**;

Diploma di Perito Tecnico Industriale con specializzazione in **Informatica**, Istituto Tecnico Industriale Vittorio Emanuele III di Palermo, votazione: **56/60**.

Corsi di Formazione

- *Editing & publishing: etica e strategie della pubblicaz. scientifica.* GIMBE Education;
- *Trial Clinici: pianificazione, conduzione, analisi e reporting.* GIMBE Education;
- *Studi Osservazionali: pianificazione, conduzione, analisi e reporting.* GIMBE Education;
- *Introduzione alla metodologia della ricerca clinica.* GIMBE Education;
- *Corso sulla ricerca delle fonti informative nei processi di HTA.* CEFAPS.

Conoscenze Linguistiche

- Discreta conoscenza della lingua inglese.

Principali Conoscenze Statistiche ed informatiche

- *Software Statistici:* SAS, STATA, R, SPSS, S-plus;
- *Database:* SQL Server, Access, Oracle, MySQL;
- *Linguaggi SQL:* SQL, PROC SQL SAS;
- *Pacchetti applicativi:* Microsoft Office, Open Office, TOAD, Microsoft Query Analyzer;

Posizione attuale ed incarichi particolari

- Attualmente il sottoscritto lavora presso **IRCCS-ISMETT** Istituto Mediterraneo per i Trapianti e Terapie ad Alta Specializzazione, Istituto di Ricovero e Cura a Carattere

Scientifico, a Palermo, svolgendo attività di ricerca a supporto dei medici in qualità di *Statistico*.

- Dal mese di novembre 2016 il sottoscritto è stato individuato come componente del **COMITATO ETICO IRCCS SICILIA** in qualità di *Biostatistico*.
- Dal mese di settembre 2016 il sottoscritto è stato individuato come componente del **COMITATO ETICO SEZIONALE ISMETT IRCCS** in qualità di *Biostatistico*.
- Dal 2013 al 2016 il sottoscritto è stato individuato come componente dell'**HEALTH TECHNOLOGY ASSESSMENT (HTA)** in base a quanto richiesto dall'Assessorato Regionale alla Salute, Dipartimento Attività Sanitarie e Osservatorio Epidemiologico in qualità di *Statistico*.
- Da febbraio 2012 il sottoscritto è stato individuato come componente dell'**INSTITUTIONAL RESEARCH REVIEW BOARD (IRRB)** in qualità di *Statistico*.
- Dal 2009 al 2013 il sottoscritto ha fatto parte del **COMITATO ETICO** di ISMETT in qualità di *Biostatistico*.

Publicazioni come coautore e curatore delle analisi statistiche

1. NT-ProBNP and hsTnI: A Multistate Survival Analysis in Outpatients with Reduced Left-Ventricular Ejection Fraction.
Cardiology 2019;142:7–13
<https://doi.org/10.1159/000488640>
2. Neurological complications after cardiac surgery: a retrospective case-control study of risk factors and outcome.
Journal of Cardiothoracic Surgery (2019) 14:23
<https://doi.org/10.1186/s13019-019-0844-8>
3. The addition of simvastatin administration to cold storage solution of explanted whole liver grafts for facing ischemia/reperfusion injury in an area with a low rate of deceased donation: a monocentric randomized controlled double-blinded phase 2 study
BMC Surgery 2018;18:122
<https://doi.org/10.1186/s12893-018-0455-7>
4. The train ECMO international survey: hemoglobin trigger and approach to RBC transfusions during veno-venous extracorporeal membrane oxygenation.
Intensive Care Medicine Experimental 2018, 6(Suppl 2):0026
<https://dx.doi.org/10.21037/2Fjtd.2018.09.119>

5. Impact of cannula design on packed red blood cell transfusions: technical advancement to improve outcomes in extracorporeal membrane oxygenation.
Journal of Thoracic Disease, Volume: 10 Issue: 10 Pages: 5813-5821 Published: OCT 2018
<http://dx.doi.org/10.21037/jtd.2018.09.119>
6. Excluding early deaths: posthoc analysis from the VITdAL-ICU study.
Intensive Care Medicine Experimental 2018, 6(Suppl 2):1026
7. Prospective observational study on vitamin D levels in liver transplantation recipients. DLiverX study.
Intensive Care Medicine Experimental 2018, 6(Suppl 2):0045
8. Transjugular Intrahepatic Portosystemic Shunt Using the New Gore Viatorr Controlled Expansion Endoprosthesis: Prospective, Single-Center, Preliminary Experience
CardioVascular and Interventional Radiology. 2018 Aug 2
<https://doi.org/10.1007/s00270-018-2040-y>
9. Liver Perfusate Natural Killer Cells from Deceased Brain Donors and Association with Acute Cellular Rejection after Liver Transplantation: a Time-To-Rejection Analysis
TRANSPLANTATION. 2018 Jun 13
<https://doi.org/10.1097/TP.0000000000002322>
10. Impact of liver perfusate natural killer cellular subset from deceased brain donors on acute cellular rejection prediction after liver transplantation: COX proportional regression analysis
TRANSPLANTATION
Volume: 102 Pages: 34-35 Supplement: 5 Meeting Abstract: O-057
11. Preliminary Report on Introduction of Enhanced Recovery After Surgery Protocol for Laparoscopic Rectal Resection: A Single-Center Experience
Journal of Laparoendoscopic & Advanced Surgical Techniques, May, 2018
<https://doi.org/10.1089/lap.2018.0234>
12. How to describe bivariate data
Journal of thoracic disease. 2018;10(2):1133-1137
<https://doi.org/10.21037/jtd.2018.01.134>
13. A brief introduction to probability
Journal of thoracic disease. 2018 Feb;10(2):1129-1132
<https://doi.org/10.21037/jtd.2018.01.28>
14. Risk Factors Associated With Peripheral Neuropathy in Heart Failure Patients Candidates for Transplantation
Progress in Transplantation, Jan, 2018
<https://doi.org/10.1177/1526924818765091>

15. HCV replication in gastrointestinal mucosa: Potential extra-hepatic viral reservoir and possible role in HCV infection recurrence after liver transplantation
PLOS One, July 27, 2017
<https://doi.org/10.1371/journal.pone.0181683>
16. A Matched Pair Analysis of Multicenter Long-term Follow-up after Split Liver Transplantation with Extended Right Grafts.
Liver Transplantation, 26 giugno 2017
<https://doi.org/10.1002/lt.24808>
17. Clinical impact of EUS treatment of walled-off pancreatic necrosis with dedicated devices
Endoscopy International Open
Endosc Int Open. 2017 Aug; 5(8): E784–E791.
<https://doi.org/10.1055/s-0043-112494>
18. The effect of high-dose cholecalciferol on bioavailable vitamin D levels in critically ill patients: a post hoc analysis of the VITdAL-ICU trial
Intensive Care Medicine
Intensive Care Med. 2017
<https://doi.org/10.1007/s00134-017-4846-5>
19. Anticoagulation and Transfusions Management in Venovenous Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome: Assessment of Factors Associated With Transfusion Requirements and Mortality
Journal of Intensive Care Medicine
J Intensive Care Med. 2017
<https://doi.org/10.1177/0885066617706339>
20. Prognostic relevance of pulmonary arterial compliance after therapy initiation or escalation in patients with pulmonary arterial hypertension
International Journal of Cardiology
Int J Cardiol. 2017 Mar 1;230:53-58
<http://dx.doi.org/10.1016/j.ijcard.2016.12.099>
21. Sildenafil in severe pulmonary hypertension associated with copd: a randomized controlled multicenter clinical trial
The Journal of Heart and Lung Transplantation
J Heart Lung Transplant. 2017 Feb;36(2):166-174
<http://dx.doi.org/10.1016/j.healun.2016.04.010>
ClinicalTrials.gov Identifier: NCT01441934
<http://clinicaltrials.gov/ct2/show/NCT01441934>
22. Transjugular Intrahepatic Portosystemic Shunts in Patients with Cirrhosis with Refractory Ascites: Comparison of Clinical Outcomes by Using 8- and 10-mm PTFE-covered Stents
RADIOLOGY
Radiol. 2017 Jan 25:161644

<https://doi.org/10.1148/radiol.2017161644>

23. Restrictive transfusion strategy in VV-ECMO for ARDS: ISMETT experience 2011-2015
Intensive Care Medicine Experimental - ESICM LIVES 2016
ESICM LIVES 2016 VOLUME 4 SUPPLEMENT 1
<http://dx.doi.org/10.1186/s40635-016-0098-x>
24. Early Liver Failure after Transjugular Intrahepatic Portosystemic Shunt in Patients with Cirrhosis with Model for End-stage Liver Disease Score of 12 or Less: Incidence, Outcome, and Prognostic Factors
RADIOLOGY
Radiology. 2016 Aug;280(2):622-9
<http://dx.doi.org/10.1148/radiol.2016151625>
25. Prognostic relevance of pulmonary arterial compliance after therapy initiation or escalation in patients with pulmonary arterial hypertension
EUROPEAN HEART JOURNAL
Volume: 37 Pages: 156-156 Supplement: 1 Meeting Abstract: P868
<http://spo.escardio.org/SessionDetails.aspx?eevtid=1127&sessId=19168&subSessId=5595#.WNE2HG819hE>
26. Heart transplant program at IRCCS-ISMETT: Impact of mechanical circulatory support on pre- and post-transplant survival
International Journal of Cardiology
Int J Cardiol. 2016 Sep 15;219:358-61
<http://dx.doi.org/10.1016/j.ijcard.2016.06.056>
27. Polytetrafluoroethylene (e-PTFE) Covered Transjugular Intrahepatic Portosystemic Shunt (TIPS) After Liver Transplantation: Single Center Experience
Transplantation
Transplantation. Volume: 100 Pages: S114-S114 Supplement: 5
Meeting Abstract: O-105. ISSN: 0041-1337, eISSN: 1534-6080
28. Mini-Invasive Approach Contributes to Expand the Indication for Liver Resection for Hepatocellular Carcinoma Without Increasing the Incidence of Posthepatectomy Liver Failure and Other Perioperative Complications: A Single-Center Analysis
Journal of Laparoendoscopic & Advanced Surgical Techniques
J Laparoendosc Adv Surg Tech A. 2016 Jun;26(6):439-46
<http://dx.doi.org/10.1089/lap.2016.0134>
29. Can multiple previous treatment-requiring rejections affect biventricular myocardial function in heart transplant recipients? A two-dimensional speckle-tracking study
International Journal of Cardiology
Int J Cardiol. 2016 Apr 15;209:54-6
<http://dx.doi.org/10.1016/j.ijcard.2016.02.025>

30. Incorporating the hepatobiliary phase of gadobenate dimeglumine-enhanced MRI in the diagnosis of hepatocellular carcinoma: increasing the sensitivity without compromising specificity
Acta Radiologica
Acta Radiol. 2016 Aug;57(8):923-31
<http://dx.doi.org/10.1177/0284185115616291>
31. Morphologic and volumetric analysis of liver volume restoration in small for size syndrome
TRANSPLANT INTERNATIONAL
Transplant International Volume: 28 Pages: 281-281 Supplement: 4 Special Issue: SI Meeting
Abstract: P5
32. Diastolic Dysfunction Diagnosed by Tissue Doppler Imaging in Cirrhotic Patients: Prevalence and Its Possible Relationship with Clinical Outcome
European Journal of Internal Medicine
Eur J Intern Med. 2015 Dec;26(10):830-4
<http://dx.doi.org/10.1016/j.ejim.2015.10.009>
33. Circulatory response to volume expansion and transjugular intrahepatic portosystemic shunt in refractory ascites: relationship with diastolic dysfunction
Digestive Liver Disease
Dig Liver Dis. 2015 Dec;47(12):1052-8
<http://dx.doi.org/10.1016/j.dld.2015.08.014>
34. Liver Volume Restoration and Hepatic Microarchitecture in the Small for Size Syndrome
Annals of Transplantation
Ann Transplant. 2015 Jul 7;20:381-9
<http://dx.doi.org/10.12659/AOT.894082>
35. Small for Size Syndrome after Extended Liver Resection and Adult To Adult Living Related Transplantation: Analysis of Liver Volume Restoration and Hepatic Microarchitecture
TRANSPLANTATION
Transplantation Volume: 99 Supplement: 1 Pages: 314-314 Meeting Abstract: P-610
36. Gene expression analysis for the predictive diagnosis of heart rejection
EUROPEAN JOURNAL OF HEART FAILURE
European Journal of Heart Failure Volume: 17 Special Issue: SI Supplement: 1 Pages: 413-414
37. Long Term Outcomes of FCSEMS in Patients With Post-Transplant Biliary Complications. Is This the Time to Come Back to Plastic?
GASTROINTESTINAL ENDOSCOPY
Gastrointestinal Endoscopy Volume 81, Issue 5, Supplement, May 2015, Pages AB347–AB348
<http://doi.org/10.1016/j.gie.2015.03.566>
38. Definitive outcomes of self-expandable metal stents in patients with refractory post-transplant biliary anastomotic stenosis

Digestive and Liver Disease
Dig Liver Dis. 2015 Jul;47(7):562-5
<http://doi.org/10.1016/j.dld.2015.03.001>

39. Should Device Replacement Be the First Choice Strategy in Continuous-Flow Left Ventricle Assist Device Thrombosis? Analysis of 9 Events and Results after Endoventricular Thrombolysis
International Journal of Cardiology
Int J Cardiol. 2015 Jan 15;178:159-61
<http://doi.org/10.1016/j.ijcard.2014.10.169>
40. Comparison between radiation exposures levels using an image intensifier and a flat panel detector-based system in image-guided central venous catheter placement in pediatric patients weighing less than 10 kg
Pediatric Radiology
Pediatr Radiol. 2015 Feb;45(2):235-40
<http://doi.org/10.1007/s00247-014-3119-5>
41. Liver Regeneration after liver resection: clinical aspects and correlation with infective complications
World Journal of Gastroenterology
World J Gastroenterol. 2014 Jun 14;20(22):6953-60
<http://dx.doi.org/10.3748/wjg.v20.i22.6953>
42. Phase I-II Matched Case-Control Study of Human Fetal Liver Cell Transplantation for Treatment of Chronic Liver Disease
Cell Transplantation
Cell Transplant. 2015;24(8):1627-38
<http://dx.doi.org/10.3727/096368914X682422>
43. US-Guided Percutaneous Liver Biopsy In Pediatric Liver Transplant Recipients: A Single Center Experience
Journal of Pediatric Gastroenterology and Nutrition
J Pediatr Gastroenterol Nutr. 2014 Jun;58(6):756-61
<https://www.ncbi.nlm.nih.gov/pubmed/24509302>
<https://doi.org/10.1097/MPG.0000000000000328>
44. Outcome of patients with fully implantable HeartWare left ventricle assist device: a single center experience
European Journal Of Heart Failure
European Journal of Heart Failure. 16:48
<https://insights.ovid.com/european-heart-failure/ejhf/2014/05/002/outcome-patients-fully-implantable-heartware-left/147/00127070>
45. ACUTE CHANGES IN PORTAL PRESSURE GRADIENT (PPG) AFTER PTFE-COVERED TIPS IN CIRRHOTIC PATIENTS WITH PORTAL HYPERTENSIVE COMPLICATIONS:

INTRAINDIVIDUAL COMPARISON OF 6-mm AND 8-mm STENT DILATATION
JOURNAL OF HEPATOLOGY
Journal of Hepatology. Volume: 60 Issue: 1 Pages: S245-S246 Supplement: S Meeting
Abstract: P527

46. EARLY, UNEXPECTED LIVER FAILURE AFTER TIPS PLACEMENT IN CIRRHOTIC PATIENTS WITH GOOD LIVER FUNCTION (MELD \leq 12): INCIDENCE, OUTCOME AND PROGNOSTIC FACTORS
JOURNAL OF HEPATOLOGY
Journal of Hepatology. Volume: 60 Issue: 1 Pages: S9-S9 Supplement: S Meeting Abstract: O20
47. Is diagnostic accuracy of fine needle aspiration on solid pancreatic lesions aspiration-related? A multicentre randomised
Digestive Liver Disease
Digestive and Liver Disease. Volume 46, Issue 6, June 2014, Pages 523–526
<http://dx.doi.org/10.1016/j.dld.2014.02.023>
48. Quantification of Hepatic Steatosis: A Comparison of Computed Tomography and Magnetic Resonance Indices in Candidates for Living Liver Donation
Academic Radiology
Acad Radiol. 2014 Apr;21(4):507-13
<http://dx.doi.org/10.1016/j.acra.2014.01.007>
49. TIPS FOR REFRACTORY ASCITES IN CIRRHOSIS: A SINGLE-CENTRE EXPERIENCE USING 8-MM AND 10-MM DIAMETER EXPANDED-POLYTETRAFLUOROETHYLENE (e-PTFE) COVERED STENT
JOURNAL OF HEPATOLOGY
Journal of Hepatology, Volume: 60 Issue: 1 Pages: S9-S10 Supplement: S Meeting Abstract: O22
50. LATE WASHOUT' ON THE HEPATOSPECIFIC PHASE OF Gd-BOPTA MRI IN THE CHARACTERISATION OF ARTERIAL-ENHANCING HCCS LACKING WASHOUT ON THE PORTAL VENOUS AND EQUILIBRIUM PHASES
Journal of Hepatology
Journal of Hepatology, Volume 60, Issue 1, Supplement, April 2014, Page S257
[https://doi.org/10.1016/S0168-8278\(14\)60726-1](https://doi.org/10.1016/S0168-8278(14)60726-1)
<http://www.sciencedirect.com/science/article/pii/S0168827814607261>
51. DIAGNOSTIC ACCURACY OF FNA (FINE NEEDLE ASPIRATION) ON SOLID PANCREATIC LESIONS: IS ASPIRATION-RELATED?
DIGESTIVE AND LIVER DISEASE
Digestive and liver disease (1590-8658), 46, p. S37.
[https://doi.org/10.1016/S1590-8658\(14\)60103-1](https://doi.org/10.1016/S1590-8658(14)60103-1)

52. ENDOSCOPICALLY DELIVERED DUODENAL-JEJUNAL BYPASS LINER TO TREAT TYPE 2 DIABETES IN OBESE PATIENTS
DIGESTIVE AND LIVER DISEASE
Digestive and Liver Disease. Volume: 46 Pages: S143-S143 Supplement: 2 Meeting Abstract: LBA.02.5
53. Diagnosis of sclerosing cholangitis in children: Blinded, comparative study of magnetic resonance versus endoscopic cholangiography
Clinics and Research in Hepatology and Gastroenterology
Clin Res Hepatol Gastroenterol. 2013 Dec;37(6):596-601
<http://dx.doi.org/10.1016/j.clinre.2013.05.014>
54. Radiation Exposure in Biliary Procedures Performed to Manage Anastomotic Strictures in Pediatric Liver Transplant Recipients: Comparison Between Radiation Exposure Levels Using an Image Intensifier and a Flat-Panel Detector-Based System
CardioVascular and Interventional Radiology
Cardiovasc Intervent Radiol. 2013 Dec;36(6):1670-6
<http://dx.doi.org/10.1007/s00270-013-0660-9>
55. Incisional Hernia After Liver Transplantation: Incidence And Risk Factors
TRANSPLANT INTERNATIONAL
Transplant International. 26:86
56. COPD-associated severe pulmonary hypertension (COPDPH): Results of a 16-weeks prospective multicenter, double-blind, placebo-controlled randomized clinical trial (RCT)
EUROPEAN RESPIRATORY JOURNAL
European Respiratory Journal 2013 42: P5151;
http://erj.ersjournals.com/content/42/Suppl_57/P5151
<http://clinicaltrials.gov/ct2/show/NCT01441934>
57. Hemodynamic response to volume expansion and TIPS in cirrhotic patients with refractory ascites: lack of evidence of a relevant cirrhotic cardiomyopathy
EUROPEAN JOURNAL OF HEART FAILURE
European Journal of Heart Failure. Volume: 12 Pages: S181-S181 Supplement: 1
58. Incisional Hernia after Liver Transplantation: Incidence and Risk Factors
American Journal of Transplantation
American Journal of Transplantation. 13:222
59. Early regeneration of the remnant liver volume after right hepatectomy for living donation: a multiple regression analysis
Liver Transplantation
Liver Transpl. 2012 Aug;18(8):907-13
<http://dx.doi.org/10.1002/lt.23450>

60. Peri-Operative Liver Regeneration of the Remnant Liver Volume after Right Hepatectomy for Living Donation: A Multiple Regression Analysis
Liver Transplantation
Liver Transplantation. 18:S230
61. Changes in Pulmonary Volumes in Patients Who Underwent Lung Transplantation for Pulmonary Fibrosis
The Journal of Heart And Lung Transplantation
The Journal of Heart and Lung Transplantation. Volume 31, Issue 4, Supplement, April 2012, Pages S244
<http://dx.doi.org/10.1016/j.healun.2012.01.726>
[http://www.jhltonline.org/article/S1053-2498\(12\)00740-1/abstract](http://www.jhltonline.org/article/S1053-2498(12)00740-1/abstract)
<http://www.sciencedirect.com/science/article/pii/S1053249812007401>
62. Intraductal aspiration: a promising new tissue-sampling technique for the diagnosis of suspected malignant biliary strictures
Gastrointestinal Endoscopy
Gastrointest Endosc. 2012 Apr;75(4):798-804
<http://dx.doi.org/10.1016/j.gie.2011.12.005>
63. The Administration of Exogenous Surfactant during Cold Preservation Can Improve Pulmonary Function after Lung Transplantation in a Swine Model of Prolonged Ischemia
Journal of Heart And Lung Transplantation
The Journal of Heart and Lung Transplantation. Volume 31, Issue 4, Supplement, April 2012, Pages S221.
<http://dx.doi.org/10.1016/j.healun.2012.01.654>
[http://www.jhltonline.org/article/S1053-2498\(12\)00668-7/abstract](http://www.jhltonline.org/article/S1053-2498(12)00668-7/abstract)
<http://www.sciencedirect.com/science/article/pii/S1053249812006687>
64. Acute volume expansion and tips fails to induce changes of impending heart failure in patients with refractory ascites
HEPATOLOGY
Hepatology. 54(4):1257
65. Complications in immunosuppressive therapy of liver transplant recipients
Journal of Surgical Research
J Surg Res. 2011 Jun 1;168(1):e137-42
<http://dx.doi.org/10.1016/j.jss.2010.09.035>
66. Short- and long-term effects of the transjugular intrahepatic portosystemic shunt on portal vein thrombosis in patients with cirrhosis
GUT
Gut. 2011 Jun;60(6):846-52
<http://dx.doi.org/10.1136/gut.2010.228023>

67. Lamivudine monophylaxis for de novo HBV infection in HBsAg-negative recipients with HBcAb-positive liver grafts
CLINICAL TRANSPLANTATION
Clin Transplant. 2011 Jan-Feb;25(1):E77-81
<http://dx.doi.org/10.1111/j.1399-0012.2010.01329.x>
68. Single Center Report on Complications in Steroid-Free Immunosuppressive Therapy of Liver Transplant Recipients
LIVER TRANSPLANTATION
Liver Transplantation. 2010. 16:S133

Progetti con ruolo di coordinamento statistico

1. “Il danno da ischemia riperfusione dopo trapianto polmonare: analisi dell'utilizzo di surfattante nel modello sperimentale suino”, Dic.2010-Gen.2011.
2. “I percorsi assistenziali dalla lista d’attesa al care integrato ospedaliero e territoriale del paziente trapiantato: il buon uso dell’organo - creazione di un data base elettronico per la gestione dei dati clinici dei pazienti con ipertensione polmonare”, Ott-Dic.2010;

Attività di Tutoraggio

- *Corso Elementi di statistica per la creazione di un protocollo di ricerca clinica* (corso Formazione a Distanza FAD (da settembre 2016, IRCCS-ISMETT)
- *Corso Base di Statistica per Medici* (10 ore; 2010, ISMETT)
- *Corso Base di Excel, Word, posta elettronica* (150 ore, 1993, Banca Popolare Sant’Angelo)

Capacità maturate

- Capacità di problem solving, team working, riservatezza e pensiero critico;
- Capacità organizzative e di time management;
- Capacità comunicative e relazionali, flessibilità;
- Capacità di revisione critica, precisione, tempestività ed autonomia;
- Capacità di gestione dello stress;
- Gestione ed interrogazione dati attraverso l’ausilio di database relazionali;
- Capacità di *data mining* per la selezione, esplorazione e modellizzazione dei dati al fine di scoprire relazioni statistiche esistenti tra dati di tipo clinici/economici;
- Capacità di elaborazione e trasmissione dei dati attraverso statistiche descrittive ed inferenziali, gestione e utilizzo di database, nonché utilizzo dei relativi sistemi informatici.

Autorizzo al trattamento dei dati personali (L.675/96).

Fabio Tuzzolino