Dr. Nahum Kovalski, B.Sc., M.D.C.M

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WORK EXPERIENCE AND TRAINING

MTC (Medical Technology Consulting)   *June 2014 - present*
Jerusalem, Israel
   CEO

Editorial board
Journal of Urgent Care Association of America)   *2008 - present*

EDOCTORWORLD Ltd.   *May 2007 - present*
Jerusalem, Israel
   CEO

   CONSULTING SERVICE ON ALL MEDICAL TYPES OF PROJECTS. I HAVE CONSULTED TO KENYA, ETHIOPIA AND UGANDA, DISCUSSING OPTIONS FOR THE COMPLETE DELIVERY OF A MEDICAL SERVICES AND TECHNOLOGY PACKAGE FOR THEIR RESPECTIVE COUNTRIES

TEREM Ltd.
Jerusalem, Israel
   DIRECTOR, MEDICAL TECHNOLOGY AND INNOVATION   *JAN 2014 – JUNE 2014*

   STAFF PHYSICIAN, ASSISTANT MEDICAL DIRECTOR/CIO   *JAN 1993 – DEC 2013*

   DEVELOPED PARPAR URGENT CARE CLINIC MANAGEMENT SYSTEM

- IN DEVELOPMENT SINCE 2003

- DEVELOPED WHOLLY BY MYSELF AND ONE OTHER PROGRAMMER

- COMPLETE SYSTEM FROM REGISTRATION OF PATIENT, THROUGH TRIAGE (TOUCH SCREEN), MANAGEMENT OF COMPLETE ELECTRONIC RECORD, LAB VALUES, XRAYS/US (VIA FULL INTEGRATION OF PACS SYSTEM)

- DATAWAREHOUSE WITH WEB BASED FRONT END THAT CENTRALIZES ALL OF OUR DATA AND HAS ALLOWED FOR FAR EASIER RESEARCH

- INTEGRATION OF CLINICAL ASSISTANT SYSTEM

- ENTIRE WEB BASED INTERFACE FOR WHOLE MEDICAL RECORD

- ADMININSTRATIVE AND CLINICAL INTERFACES TO KUPOT

- PARPAR WAS FROM THE FIRST SYSTEMS IN THE WORLD THAT ALLOWED FOR REMOTE XRAY REVIEW AND CONSULTATION BY CELLPHONE

Hadassah Ein Kerem, Urology Department   *June 1991 - January 1993*
Jerusalem, Israel
   CHIEF RESIDENT, UROLOGY

McGill University, Urology Department   *June 1988 - June 1991*
Montreal, Canada
   RESIDENT, UROLOGY

AWARDS/ COMPETITIONS

- JERUSALEM BA'ALIYAH – 2009, FOR EXCELLENCE IN THE SCIENCES, PRESENTED BY MAYOR BARKAT

- FINALIST MICROSOFT INGENUITY POINT HEALTHCARE CATEGORY 2008

E D U C A T I O N

McGill University   *1984 - 1988*
Montreal, Canada
> MEDICAL STUDIES TOWARDS M.D.C.M.
>
> GRADUATED DEAN'S LIST

McGill University   *1981 - 1984*
Montreal, Canada
> UNDERGRADUATE STUDIES, TOWARDS BACHELORS OF SCIENCE
>
> MAJOR IN PHYSIOLOGY / MINOR IN COMPUTER SCIENCE
>
> GRADUATED WITH GREAT DISTINCTION, DEAN'S LIST

L A N G U A G E S

> ENGLISH (MOTHER TONGUE)
>
> PROFESSIONAL LEVEL HEBREW
>
> FUNCTIONAL FRENCH

S O F T W A R E   E X P E R I E N C E

> VISUAL BASIC 6, VB.NET   ASP   ASP.NET   MICROSOFT ACCESS
>
> MYSQL   SQL SERVER 2005

P U B L I C A T I O N S

1. Wilson BJ, Zimmerman DR, Applebaum KG, Kovalski N, Stein C. Patients who leave before being seen in an urgent care setting. *European Journal of Emergency Medicine*September 2012 http://journals.lww.com/euro-emergencymed/Abstract/publishahead/Patients_who_leave_before_being_seen_in_an_urgent.99656.aspx

2. Nahir B, Kovalski N, Zimmerman DR. Failure to radiologically confirm community-acquired pneumonia means antibiotic overtreatment. *Clinical Infectious Diseases* 2012; 54:1816 .

3. Zimmerman DR, Kovalski N, Fields S, Lumelsky D, Miron D. Diagnosis of childhood pneumonia: clinical assessment without radiological confirmation may lead to overtreatment. *Pediatric Emergency Care* 2012; 28:646-9.http://www.ncbi.nlm.nih.gov/pubmed/22743749

4. Lipsitz JD, Zimmerman DR, Kovalski N, Gross R, Hammel R. Chief complaints and diagnoses of displaced Israelis seeking medical treatment during the 2006 Israel Lebanon War. *American Journal Disaster Medicine* September, 2010; 5:305-14. http://www.ncbi.nlm.nih.gov/pubmed/21162412

5. Hammel R, Zimmerman DR, Kovalski N. Mobile telephone-based orthopedic consultation. *AJR- American Journal Roentgenology* 2010;195:W307.http://www.ncbi.nlm.nih.gov/pubmed/20858795

6. Zimmerman DR, Kovalski N, Hain B, Stewart-Freedman B, Halperin E. Temporal distribution of clinical bronchiolitis in the Jerusalem area – a preliminary report. *Israel Journal of Emergency Medicine* 2009:9 (2): 10-14. http://isrjem.org/july_09_zimmerman_bronchiolitis_postprod.pdf

7. Kovalski N, Zimmerman DR, Fields S, Frankl U. Effect of remote orthopedic consultation on hospital referrals in a community-based urgent care facility. *Israeli Journal of Emergency Medicine* 2008; 8(3):29-33. http://isrjem.org/isrjem_nov08%20zimmerman_ortho_postprod.pdf

8. Bagahon Y, Zimmerman DR, Schipilliti S, Kovalski N. Urgent Care of pharyngotonsillitis in Israel: undertested, overtreated. *Israeli Journal of Emergency Medicine* 2007;7(3):23-26 http://isrjem.org/ISRJEM_Nov_07.Bagahon_streppharyngitis.postprod.pdf

9. Stewart-Freedman B, Kovalski N. An ongoing outbreak of measles linked to the United Kingdom in an ultra-orthodox Jewish community in Israel. *Euro Surveill*. 2007; September 20;12 (9):EO70920.1. http://www.eurosurveillance.org/ViewArticle.aspx?ArticleId=8045

10. Zimmerman DR, Kovalski N. Referral rates from free-standing medical facilities in Jerusalem to hospital based emergency departments: a brief report. *Israel Journal of Emergency Medicine* 2006;6(2):56-8. http://isrjem.org/Dec06_TeremReferral_Zimmerman.postprod.pdf

11. Zimmerman DR, Kovalski N. Brief report: pediatric visits to a free-standing emergency facility. *Israel Journal of Emergency Medicine* 2006;6(4):15-21.http://www.docstoc.com/docs/76338399/Brief-Report-Pediatric-Visits-to-Free-Standing-Emergent-Medical

12. Lipsitz J, Zimmerman DR, Kovalski N, Gross, R. Urgent care utilization by relocated northern Israeli residents during the summer 2006 war. *Israel Journal of Emergency Medicine* 2006;6(4):15-21.http://www.isrjsem.org/Dec06_UrgentCare_Lipsitz_postprod.pdf

Meeting Abstracts (Posters and Presentations)

2014
1. Zimmerman DR, Kovalski N. "Reducing Empiric Antibiotic Treatment for Pediatric Pharyngitis," Israel Clinical Pediatric Association, Tel Aviv, February 2014 [oral presentation]
2. Zimmerman DR, Pekar M, Kovalski N. "Treatment of Head Trauma in Children in Urgent Care," Annual Conference of The Israeli Association for Emergency Medicine, Tel Aviv, April 2014. [Poster presentation]
3. Pollack G, Kovalski N, Southerland J, Zimmerman DR, Zlotnick D. "Remote Medical Guidance and Consultation in the Digital Era," Israel National Institute for Health Policy Research, Tel Aviv, 21 May 2014 [E-poster presentation]

2013
1. Collins C, Gabai H, Kovalski N, Zimmerman DR. "Immunization Clinics and Urgent Care: Can They Travel Together?" Annual Meeting of Israel Society for Parasitology, Protozoology and Tropical Diseases, Yehuda Hotel, Jerusalem, December 11, 2013[Poster presentation]
2. Lipczer D, Kovalski N, Greenwald B, Zimmerman DR.."Improving Quality of Care through use of Computer Program for Relative Staffing of Clinics," Conference of Israeli Association for Quality in Medicine, Tel Aviv, November 20, 2013 [Poster presentation]
3. Zimmerman DR, Greuner J, Kovalski N., "Learn Global – Act Local: Occult Pneumonia in Children is still Common in Israel," 2013 Summer Conference of CHIPA Israel Ambulatory Pediatric Association in Conjunction with the 4thECPCP European Congress of Primary Care Pediatricians Annual Conference, Tel Aviv, July 3-5, 2013 [Poster presentation]
4. Zimmerman DR, Evans J, Ishkarov E, Melamed M, Kovalski N. "Significance of Extreme leukocytosis (EL) in Young Children – Depends Where You Are," 2013 Summer Conference of CHIPA Israel Ambulatory Pediatric Association in Conjunction with the 4thECPCP European Congress of Primary Care Pediatricians Annual Conference, Tel Aviv, July 3-5, 2013 [Poster presentation]
5. Kovalski N, Zlotnick D, Applebaum N. "Real Time Quality Insurance Via Remote Digital Oversight," Annual Conference of Israel Association for Medical Informatics, Tel Aviv, June 2013 [Oral presentation]
6. Zimmerman DR, Ivancovsky M, Frydman E, Kovalski N. "Policy Decisions Need Accurate Information: The Example of an Expanded Measure of Pediatric Injury," 5th International Jerusalem Conference on Health Policy, Jerusalem, June 2013 [ePoster presentation]
7. Kovalski N, Singer B, Zimmerman DR. "Verifying Renal Status before Prescribing NSAIDS to Elderly Patients in an Urgent Care Center," Israel Association of Emergency Medicine Annual Conference, Airport City, March 2013 **[Prize for best poster]**
8. Scheir E, Zimmerman DR, Kovalski N. "Afebrile Pneumonia," Israel Association of Emergency Medicine Annual Conference, Airport City, March 2013 [Poster presentation]
9. Kovalski N, Zimmerman DR, Zlotnick D. "Supervision by Senior Physicians in the Virtual Age," Israel Association of Emergency Medicine Annual Conference, March 2013 [Poster presentation]
10. Zimmerman DR, Greuner J, Kovalski N. "Learn Global – Act Local: Occult Pneumonia in Children is Still Common in Israel," Israel Association of Emergency Medicine Annual Conference, Airport City, March 2013 [Poster presentation]
11. Greuner J, Zimmerman DR, Schanfield S, Lipshitz J, Kovalski N. "The Use of Diazepam to Treat Anxiety in Urgent Care: Effects of Age and Presenting Symptoms," Israel Association of Emergency Medicine Annual Conference, Airport City, March 2013 [Poster presentation]
12. Zimmerman DR, Evans J, Ishkarov E, Kovalski N. "Extreme Leukocytosis (EL) in Young Children Presenting to Urgent care," Israel Association of Emergency Medicine Annual Conference, March 2013 [Poster presentation]
13. Zimmerman DR, Evans J, Ishkarov E, Kovalski N. "Extreme leukocytosis (EL) in Young Children to Urgent care," Israel Association of Clinical Pediatrics (HIPAK) Annual Conference, Tel Aviv, February, 2013 [Oral presentation]
14. Zimmerman DR, Scheier E, Kovalski N. "Pediatric Pneumonia in the Absence of any History or Clinic Finding of Fever," Israel Association of Clinical Pediatrics (HIPAK) Annual Conference, Tel Aviv, February, 2013 [Poster presentation]

2012

1. Admon T, Zimmerman DR, Kovalski N. "Use of Digital System for Report and Oversight of Risk Management Cases," 19th Annual Convention of Israel Society for Quality in Health Care, November 2012 [Oral presentation]

2. Kovalski N, Zlotnick D, Applebaum N. "Use of Remote Digital System for Quality Control in Real Time," 19th Annual Convention of Israel Society for Quality in Health Care, November 2012 [Poster presentation]

3. Kovalski N, Zimmerman DR, Fields S, Greenwald B, Noiman S. "It's the Format, Silly": Terem's Experience with Factors for Speeding Review of Imaging Studies," Israeli National PACS conference, Jerusalem, June 2012 [Download presentation]

4. Zimmerman DR, Nahir B, Kovalski N. "Will New Community Acquired Pneumonia (CAP) Clinical Practice Guidelines Cause Excessive Antibiotic Use?" Pediatric Academic Societies Meeting Boston, April 2012 [Poster presentation]

5. Rosenzweig J, Zimmerman D, Lieberman Z, Kovalski N. "Fever in Elderly Patients who Visit a Community Emergent Care Center - Reliable Indicator of Serious Illness?"Israel Association of Emergency Medicine, Tel Aviv, March 2012 [Oral presentation]

6. Ivankovsky M, Zimmerman DR, Friedman E, Kovalski N. "Estimation of the Pediatric Injury Rate of Jerusalem Residents," Israel Association of Emergency Medicine, Tel Aviv, March 2012 [Oral presentation]

7. Admon T, Kovalski N, Zimmerman DR. "Interventions to Increase Mandated Reporting," Israel Clinical Pediatrics Association) Annual Conference, Tel Aviv, February 2012[Poster presentation]

8. Weiner LK., Shipiliti S, Kovalski N, Zimmerman DR. "The Frequency of Positive Strep Throat Cultures in Children under Age Five," Israel Association of Clinical Pediatrics in Israel) Annual Conference, Tel Aviv, February 2012 [Oral presentation]

2011

1. Kovalski, N, Zimmerman DR. "Computer Based Tools for the Improvement of Quality of Care in Urgent Care Centers," Quality in Medicine Annual Meeting, Tel Aviv, November, 2011 [Poster presentation]

2. Kovalski N. "Updates in Terem: Online High Resolution Plain Films, Online Echocardiogram Viewer," Israeli National PACS conference, Jerusalem, June 2011 [Oral presentation]

3. Zimmerman D, Kovalski N, Hain B, Hamawi A, Lipsitz J. "Urgent Fever Leads to Urgent Care," First International Congress of Primary Care, Tel Aviv, May, 2011 [Oral presentation]

2010

1. Hammel R, Zimmerman DR, Kovalski N. "Development of an X-ray Teaching Tool for Primary Care," Israel Ambulatory Pediatric Association Conference, Tel Aviv, June 2010 [Oral presentation] **Prize for best abstract**

2. Nahir B, Zimmerman DR, Kovalski N, et al., "Rethinking Clinical Diagnosis of Community Acquired Pneumonia in Children," WONCA Family Medicine Conference, Cancun, Mexico, May 2010 [Oral presentation]

3. Kovalski N, Fields S, Zimmerman D, Hochberg A, Ilan Y. "VMedico - TeleVideoMedicine Enables Realtime Consulting and Offline Full Study Review," Israeli National PACS Conference, Jerusalem, May, 2010 [Oral presentation]

4. Nahir B, Zimmerman DR, Kovalski N et al. "Rethinking Clinical Diagnosis of Community Acquired Pneumonia in Children," Israel Association of Family Medicine Physicians Ben Meir Conference, Beer Sheva, March, 2010 [Oral presentation]

5. Zimmerman DR, Miron D, Lumelsky D, Kovalski N. "There is Significant Over-treatment When Pneumonia is Diagnosed without X-ray Confirmation," Israel Clinical Pediatrics Association, Tel Aviv, February, 2010 [Poster presentation]

2009

1. Kovalski N. "Generation Of An X-ray Teaching File Via Direct Links Into An Electronic Health Record System," Israeli National PACS Conference, Jerusalem, June, 2009 [Oral presentation]

2. Stewart-Freedman, Kovalski N, Zimmerman DR. "Computer-aided Continuity of Care in Emergent Care," 19th Israeli Medical Association World's Fellowship International Conference, Jerusalem, April, 2009 [Oral presentation]

2008

1. Zimmerman DR, Kovalski N. "Use of a Data Warehouse for Clinical Epidemiology," Computers in Medicine Conference, Tel Aviv, July, 2008 [Oral presentation]

2. Kovalski N. "Updates in Terem: Mobile Viewing, Remote Reporting Dicom Worklist," Israeli National PACS conference, Jerusalem, July, 2008 [Oral presentation]

3. Kovalski N. "Digital Medicine in Modern Medical Management," Association of Academics in Political Science and Medical Management, Eilat, July 2008 [Oral presentation]

4. Zimmerman DR, Fields S, Kovalski N. "Diagnosis of Pneumonia by Non Pediatricians vs. Pediatricians in an Urgent Care Setting," Israel Association of Emergency Medicine Conference, Tel Aviv, June, 2008 [Poster presentation]

5. Kovalski N."The Nokia E-61 Mobile Phone is as Effective as a Remote Viewing Station for Consultations on Orthopedic Cases," Israeli National PACS Conference, Jerusalem, April 2008 [Oral presentation]

6. Stewart-Friedman B, Kovalski N. "Computerized Notification to Improve Continuity of Care in Community Based Pediatrics," Israel Association of Family Physicans Conference, Haifa, April, 2008 [Oral presentation]

7. Yerushalmi S, Zimmerman DR, Kovalski N. "Fever as a Reason for Presentation to Urgent Care by Children," International Nursing Rsearch Conference, Jerusalem, July, 2008 [Poster presentation]

2007

1. Zimmerman DR, Kovalski N, Carol F, Fields S. "Outpatient Treatment of Pneumonia in a Free Standing Urgent Care Facility," Israel Ambulatory Pediatric Association Annual Meeting, Tel Aviv, July, 2007 [Oral presentation]

2. Kovalski N. "Clinical Productivity Gains via Integration of an Open Source PACS System into an Electronic Medical Record," Israeli National PACS conference, Jerusalem, June, 2007 [Oral presentation]

3. Zimmerman DR, Fields S, Kovalski N. "Diagnosis of Wrist Fractures by Non-Orthopedists in an Urgent Care Setting," Israeli Association of Emergency Medicine Conference, Tel Aviv, June, 2007 [Poster presentation]

2006

1. Kovalski N. "The TEREM Experience with Commercial and Open Sources PACS Systems for Viewing, Distributing and Archiving Radiological Studies," Israeli National PACS Conference, Jerusalem, April, 2006 [Oral presentation]

2. Kovalski N. "A New Model for Urgent Care Delivery in the Community," Conference, Urgent Care Association of America, Lake Tahoe, Nevada, March, 2006 [Oral presentation]

3. Zimmerman DR, Kovalski N. "Pediatric Use of a 24 Hour Urgent Care Center ('Moked Cherum'),'" Israel Clinical Pediatric Association Meeting, Tel Aviv, February, 2006 [Poster presentation]