

Dr David Nixon

The Doctors Masterton
and
Primary Care IT Solutions

G-I-N CONFERENCE
2nd NOVEMBER 2004



- Our team at the “Ice Face”
- We have chosen to embrace quality, innovation and EBM particularly with regard to Chronic Disease Management
- Part of this transformation has been IT development at the practice level
- The aim was to create a tool that could not only measure but assist us to manage CVD Risk.

The CVD Risk Analyser:

- Calculates CVD Risk for the practice population
- Provides tools to assist with data acquisition
- Allows easy filtering and analysis of sub-populations and Chronic Disease Registers to assist with patient recall and to target management strategies
- Provides capability to meet current proposed Clinical Performance Indicators with respect to CVD Risk
- Is database agnostic and transportable to other PMS's

CVD Risk Analyser - PCIT Solutions Limited

DataBase CVD Risk Table Calculations Export Exceptions Chart Exit

Data List Dataset Status Risk Distribution Demographic

Data - CVD RISK

NHI *

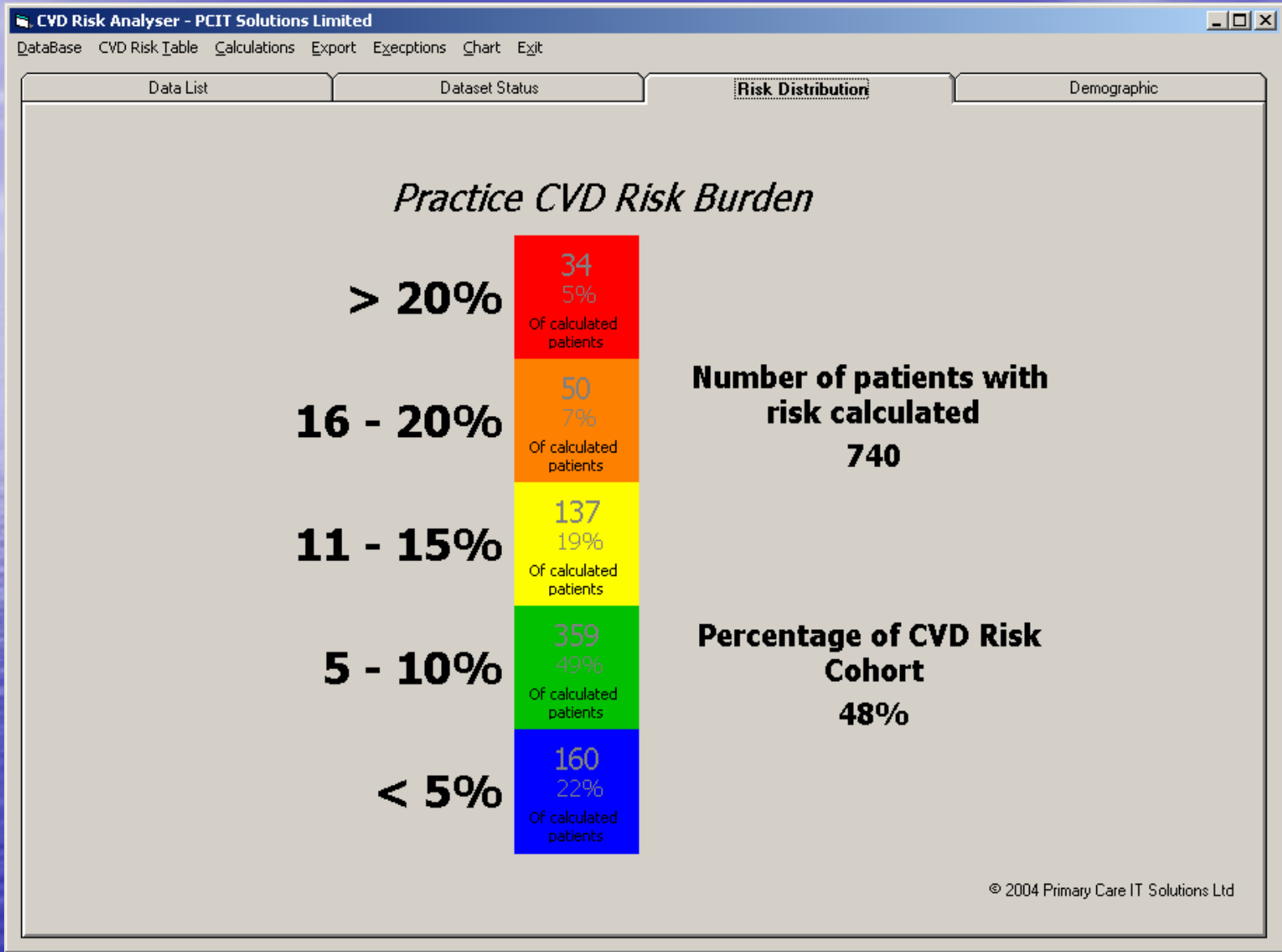
NHI	SURNAME	AGE	GEN	MESDATE	SMOKING	FHX	ETH	BPSYS	CHOL	HDL	DIA	RISK
FKF93	AM	50	M	28/07/2004 09:11:32	NON SMOKE		21	150	5.3	1.2	0	11%
NXV68	LEY	63	M	12/05/2004 16:56:28	NON SMOKE		12	126	6.1	1.3	0	9%
LMY41		68	M	11/06/2004 11:13:18	NON SMOKE		11	124	6.1	1.7	0	8%
AKE78	K	46	M	21/09/2004 11:57:50	SMOKER	no fh ihd	11	152	6.1	0.9	0	7%
ACT26	V	71	F	3/10/2004 11:22:53	EX-SMOKEF	fh ihd	10	154	6.4	2.4	0	12%
MVU9		61	M	8/09/2004 10:06:32	NON SMOKE		31	120	5.1	1.3	C10.00	15%
AWW6	DGE	61	F	11/09/2004 09:59:01	NON SMOKE		11	130	6	1.3	0	5%
ACE98		73	F	20/10/2004 07:09:31	NON SMOKE	no fh ihd	11	150	5.3	2.1	0	6%
BLX57	SON	58	F	24/09/2004 12:50:27	SMOKER		11	120	6.6	1.4	0	3%
RPT51		61	M	8/09/2004 10:39:37	EX-SMOKEF	no fh ihd	11	120	6.2	1.1	0	8%
AHD8	DICK	63	F	27/07/2004 13:38:21	NON SMOKE		11	130	5.1	1.6	0	4%
EAM0	HAM	56	M	15/10/2004 18:40:28	NON SMOKE	no fh ihd	11	122	6.8	1.2	0	7%
AGN6	WORTH	56	F	1/07/2004 08:04:35	SMOKER		11	138	6.6	2.1	0	3%
PDL03	SEN	69	M	30/08/2004 09:12:23	NON SMOKE	fh ihd	11	150	6.6	2	0	18%
BSJ81	L	66	F	24/08/2004 10:39:22	EX-SMOKEF	no fh ihd	11	144	7.1	2.3	0	5%
NRS3	L	55	M	10/03/2004 15:02:44	UNKNOWN		11	158	5	2.1	0	5%
ACE83		64	F	23/09/2004 15:29:47	NON SMOKE	no fh ihd	11	140	6.1	1.3	0	7%
NVU8		70	M	7/09/2004 10:11:16	SMOKER	no fh ihd	11	158	5.9	1.3	0	19%
ASA51		65	M	6/07/2004 07:53:42	EX-SMOKEF		11	122	5	1.4	C10.00	12%
AEN08		42	M	3/08/2004 08:18:00	NON SMOKE	no fh ihd	21	132	6.7	1.3	0	8%
HEW5		63	M	9/02/2004 09:22:34	NON SMOKE		21	140	4.5	1.7	0	12%
DQV4	BALD	66	F	29/07/2004 16:57:18	NON SMOKE	fh ihd	11	175	5.2	2.2	0	12%
ADD6	RONG	61	F	13/09/2004 16:26:32	EX-SMOKEF	fh ihd	11	120	6	1.7	0	8%
MBZ4	IRS	64	F	27/04/2004 08:19:00	NON SMOKE		11	134	5	1.6	0	4%
BRZ6	SON	71	M	31/05/2004 11:54:18	SMOKER		11	145	5.8	1.3	0	16%
MKQ2	E	60	M	7/07/2004 10:39:05	NON SMOKE	no fh ihd	11	130	7.1	1.3	0	9%
MNT5	AM	57	F	21/10/2004 11:04:46	NON SMOKE	3.8	11	138	5.2	1.2	C10.00	11%
CEV52		69	F	13/10/2004 14:19:26	UNKNOWN		11	130	5.9	1.4	0	6%
AWU6		66	F	23/10/2004 12:30:07	NON SMOKE	fh ihd	11	142	6.3	1.5	0	12%
QGZ4		69	M	17/08/2004 12:48:48	EX-SMOKEF		11	144	4.9	1.2	0	14%

Registers

Filter
Gender
 All
 Male
 Female

Ethnicity
 All
 Maori
 Pakeha

Record Count



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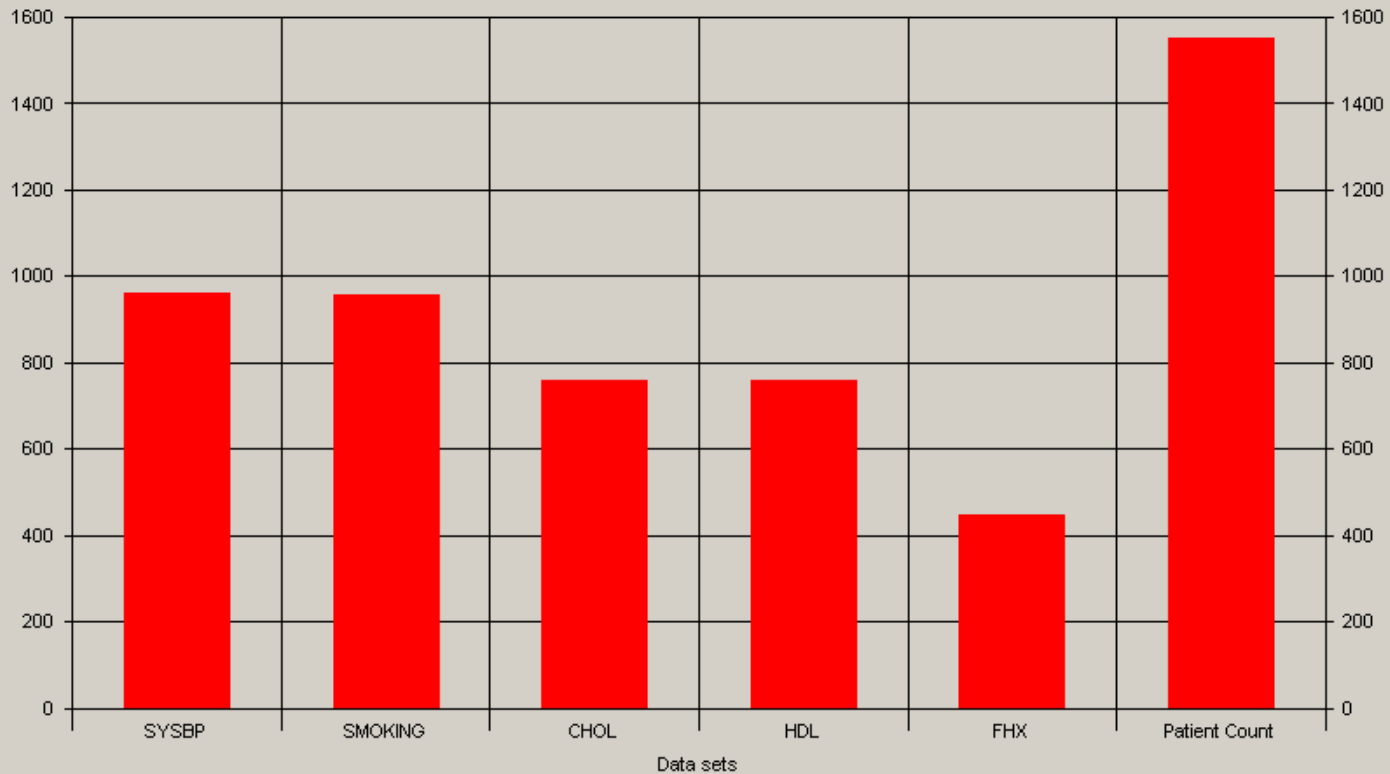
Data List

Dataset Status

Risk Distribution

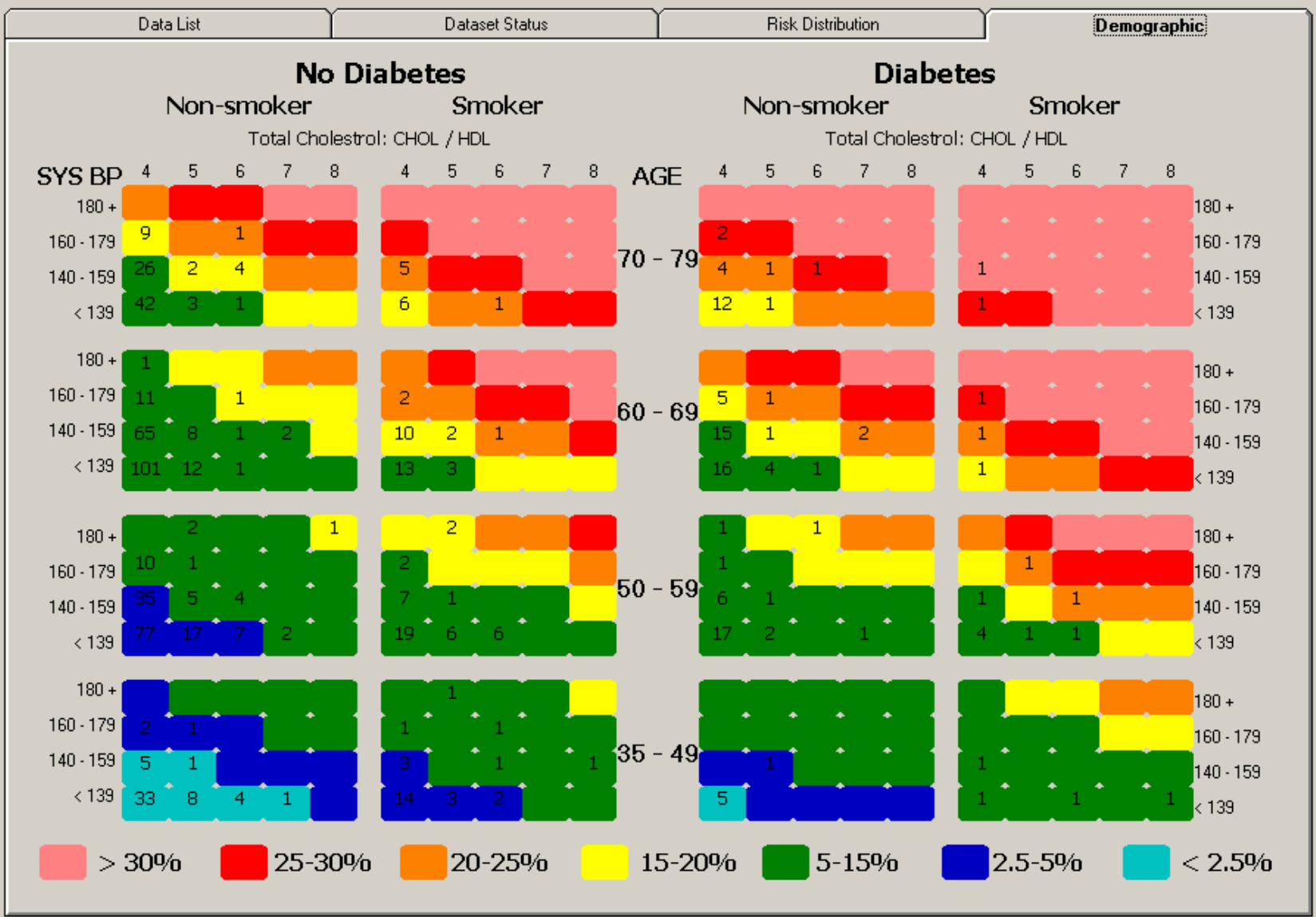
Demographic

Patient Dataset Status



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DataBase CVD Risk Table Calculations Export Exceptions Chart Exit



The CVD Risk Analyser

- Potential to change CVD Burden at a practice level
- Eliminates painful SQL data mining
- Facilitates CPI reporting
- Provides a model for Chronic Disease Management in General Practice