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APPENDIX (1)

ZAGAZIG UNIVERSITY

BANHA FACULTY OF

MEDICINE

Dept. of Community,
Environmental and
Occupational Medicine

" Health Profile of Industrial Workers at Shubra El-Kheima
District - An Epidemiological Study"

* Serial Number

* Personal History:

Name	Address (urban, rural)
Age	Marital status (Single/Married)
Educational level (illetterate, Read and Writes, Ended Basic Education Ended Secondary Education, University level.	
Total income/mont	Family size
Habits:	
1) Smoking	yes No.
2) Drug addiction	yes No.

* Occupational History:

A) Present occupational history:

Main job	Duration
----------	----------

Job discription:

1. Leading profession and business. e.g. Company directors, Managers.
2. Intermediate (Lesser profession) e.g. Local oficers, Leaders.
3. Skilled workers. e.g. Glass blowers.
4. Part semi skilled e.g. Carriers.

5. Unskilled e.g. porters, cleaners

B) Past occupational history of occupational disease and accident

Medical history and Symptomatology:

1. Any retrosternal dull pain or tightness in the chest.
2. History of emotional stress.
3. History of dyspnea, cough and expectoration.
4. Past history of previous disease or Operation, Asthma, Bilharziasis, Diabetes mellitus, Rh. heart, Hypertension, coronary heart disease, Joint pains, hearing defects, previous drug intake.

Clinical Examination:

Weight	Hieght
Pulse	B.P.
Eye Ex.	Teeth Ex.
Skin Ex.	

Local examination:

* Chest examination.

* Heart Examination.

Laboratory Diagnosis:

Urine	Albumin	Sugar
	Parasitic eggs.	
Blood	Hb.	gm/dl.
	R.B.Cs. count	W.B.Cs. count
Stool	Parasitic infestation	

Pulmonary function tests:

FVC	L	predicted FVC
FEV ₁	L	Predicted FEV ₁
PEFR	L/m	Predicted PEFR
FEV ₁ /FVC %		

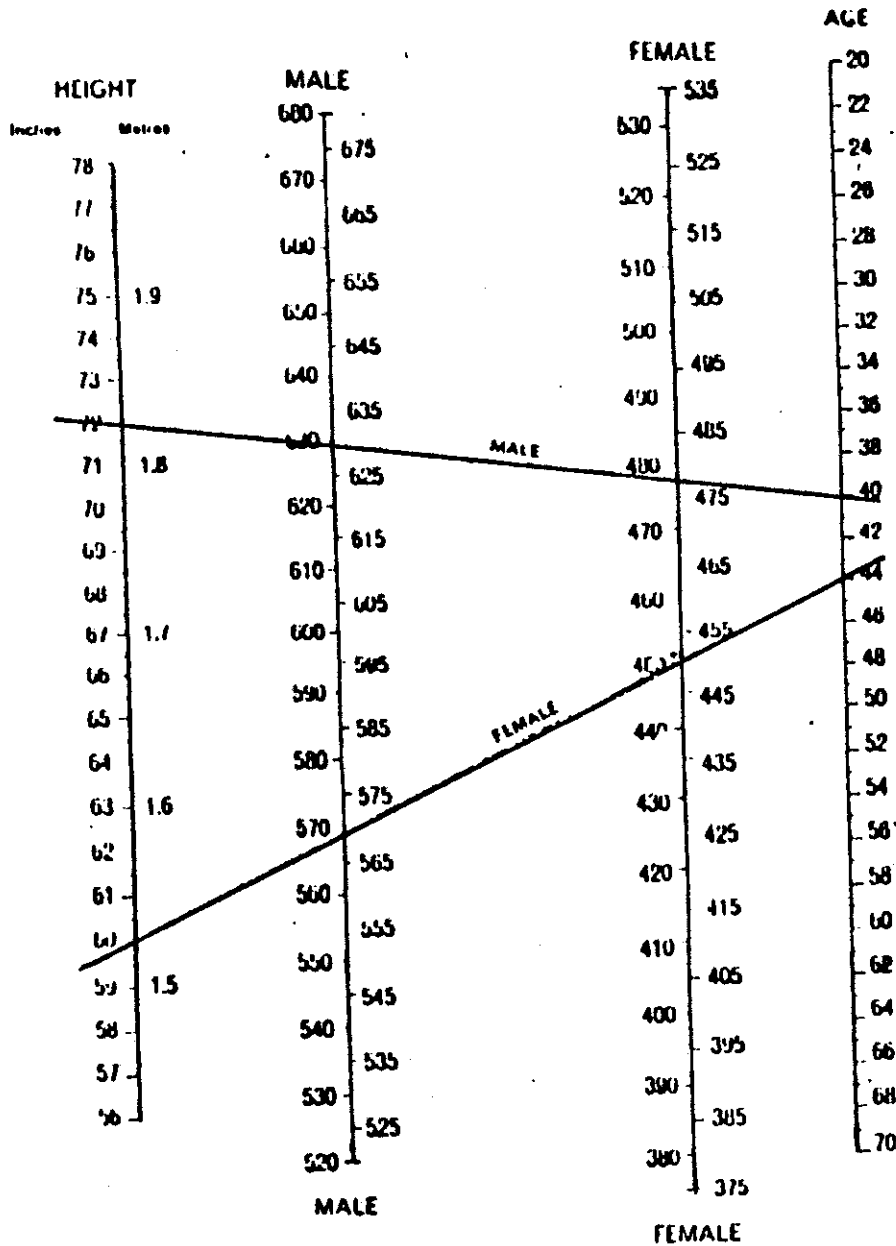
Environmental Monitoring:

- * Dust sampling.
- * Temperature Humidity of the working environment.
- * Sound level measurements.

APPENDIX (2)

Nomogram Addendum to Airmed Leaflet A/135 Ed. 4.

The WRIGHT PEAK FLOW METER



This nomogram is intended to be a guide to the values of Peak Expiratory Flow which are to be expected in normal men and women.

EXAMPLES

Male age 40, height 6ft.
Normal P.E.F. 630 L/min

Female age 44, height 5ft.
Normal P.E.F. 450 L/min.

Regression formulae

$$\begin{aligned} \text{Male PEF (L/min)} &= 331.47 - 0.96 \times \text{age} + 4.66 \times \text{ht. (ins.)} \\ \text{Female} &= 460.68 - 2.46 \times \text{age} + 1.62 \times \text{ht. (ins.)} \end{aligned}$$

APPENDIX (3)

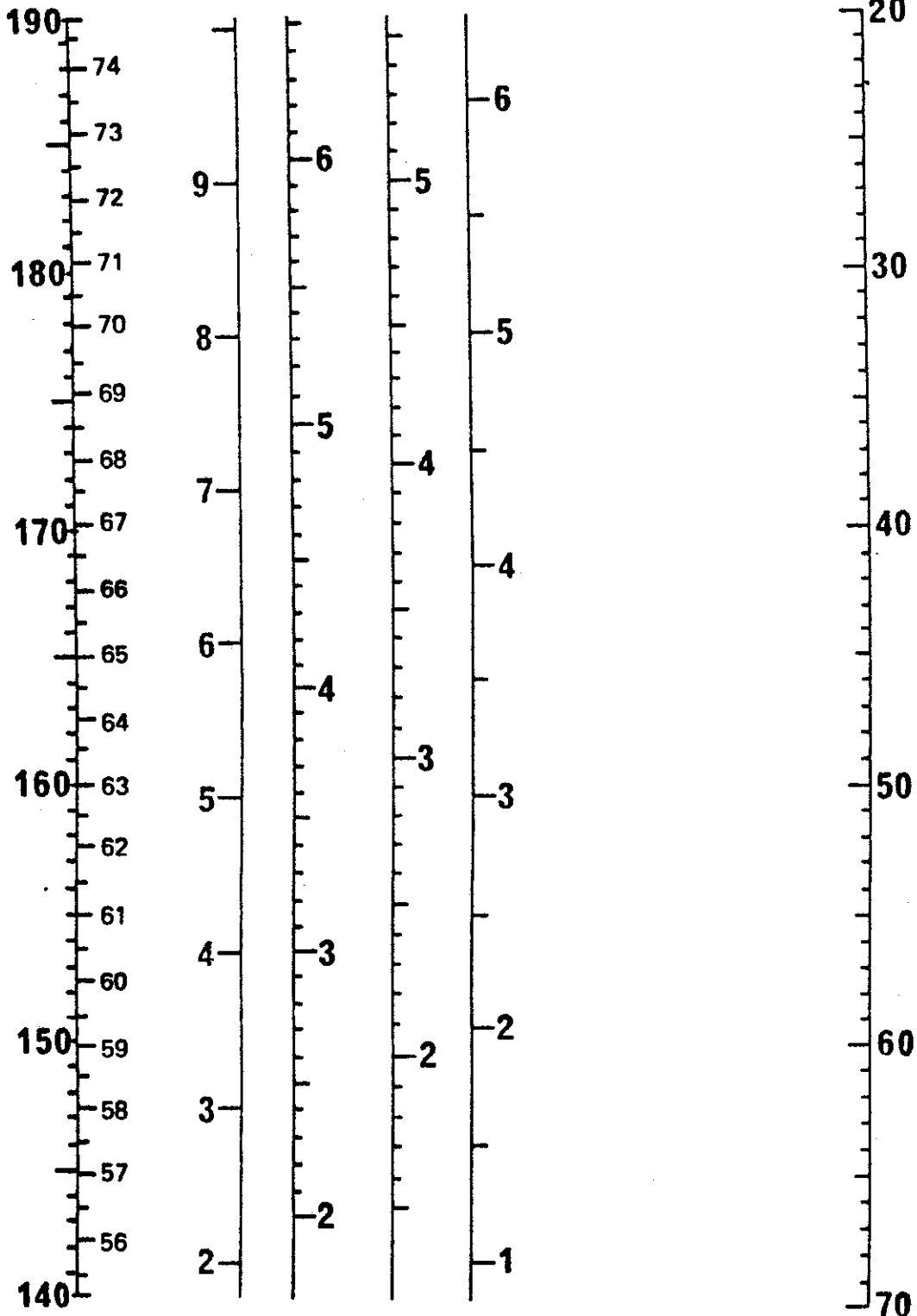
Prediction Nomogram

Kamburoff¹, Petia L., and Weitowitz², H.S. (1973)

MALES  BT P S

Height (cm) (inches) FEF₂₅₋₇₅ (litre/sec) FVC (litre) FEV₁ (litre) FMF (litre/sec)

Age (yrs)



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1) Institute of Diseases of the Chest, Brompton, London, England.
 2) Institut f. Arbeits-und Sozial-Medizin, Universität Erlangen-Nürnberg, W.Germany.