


WEIGHT CONVERSIONS (1)

MED 1-01A1


WT 1

 LB_{avdp} OZ_{avdp} kg gm →

WEIGHT CONVERSIONS (2)

MED 1-01A2


WT 2

 GRAIN DR_{avdp} mg μg →

WEIGHT CONVERSIONS (3)

MED 1-01A3

WT 3

 LB_{troy} OZ_{troy} DR_{troy} S_{apoth} →

LENGTH CONVERSIONS (1)

MED 1-02A1

LEN 1

 M YD FT KM →

LENGTH CONVERSIONS (2)

MED 1-02A2


LEN 2

 IN MM MICRON CM →

VOLUME CONVERSIONS (1)

MED 1-03A1


VOL 1

 CU IN US LIQ PT LITER US DRY PT →

VOLUME CONVERSIONS (2)

MED 1-03A2

VOL 2

 US MINIM US FL DR US FLOZ CC →

VOLUME CONVERSIONS (3)

MED 1-03A3

VOL 3

 BR QT BR PT BR FL OZ BR MINIM →

ENGLISH ↔ METRIC CONVERSIONS

MED 1-04A

MET

LENGTH

WT

TEMP

ENG →
MET

MET →
ENG

MASTER PATIENT IDENTIFICATION

MED 1-05A

ID

ENTER

→ HT

→ WT

→ AGE

→ SEX

MALE VC, FEV1, MEFR

MED 1-06A1

QPF1

HT

AGE

VC → %

FEV1 → %

MEFR → %

MALE MVV, RV, TLC, FRC

MED 1-06A2

QPF2

MVV → %

RV → %

TLC → %

FRC → %

MALE FEF (25%-75%)

MED 1-06A3

QPF3

VC →
25% VC

t(25%) →
75% VC

t(75%)

→ FEF

FEF → %

FEMALE VC, FEV1, MEFR

MED 1-07A1

QPF1

HT

AGE

VC → %

FEV1 → %

MEFR → %

FEMALE MVV, RV, TLC, FRC

MED 1-07A2

QPF2

MVV → %

RV → %

TLC → %

FRC → %

FEMALE FEF (25%-75%)

MED 1-07A3

QPF3

VC →
25% VC

t(25%) →
75% VC

t(75%)

→ FEF

FEF → %

LUNG DIFFUSION ($F_{ICO}=.3\%$)

MED 1-08A

DLCO

 F_{ICAR} F_{ACAR} F_{ACO} t_{BH} VA →
DLCO

WATER VAPOR PRESSURE

MED 1-09A1

GAS 1

TEMP

→ P_{H_2O}

RESPIRATORY GAS CONVERSIONS

MED 1-09A2

GAS 2

 P_{BAR}

ATPS

BTPS

STPD

→

VENTILATOR SETUP (RADFORD)

MED 1-10A1

RAD 1

WT

SEX

RATE

→ TV_{bas} DS_v → TV_c

VENTILATOR SETUP CORRECTIONS

MED 1-10A2

RAD 2

TEMP

ALT

ACTIVE

TRACH

MET ACID

 $PaCO_2$ NORMALIZATION

MED 1-11B

 $PaCO_2$

WT

 $PaCO_2$ $\bar{P}E_{CO_2}$

TV

 DS_p → DS_{add}

BLOOD ACID-BASE STATUS

MED 1-12A

ACID

 PCO_2

pH

HGB

→ TCO_2

→ BE

VIRTUAL PO_2

MED 1-13A

 VPO_2 → RCL
 PO_2 PO_2 PCO_2

pH

BT → VPO_2

O₂ SATURATION AND CONTENT

MED 1-14A

SAT

PO₂

SAT

HGB → CONT

CaO₂CvO₂ANAEROBIC PCO₂ AND pH CHANGE

MED 1-15A

ΔpH

→ RCL
PCO₂PCO₂
(37°)pH
(37°)BT → PCO₂
(BT)→ pH
(BT)ANAEROBIC PO₂ CHANGE

MED 1-16A

ΔPO₂→ RCL
SAT

SAT

PO₂
(37°)BT → PO₂
(BT)

DEAD SPACE FRACTION

MED 1-17A

VD/VT

 $\dot{V}CO_2$ $\dot{V}O_2$

RQ

PaCO₂ → $\dot{V}A$ $\dot{V}E$ → $\frac{VD}{VT}$ A-aO₂ DIFFERENCE

MED 1-18A

A-a

PiO₂PaO₂PaCO₂

RQ → A-a

→ PAO₂

PHYSIOLOGIC SHUNT AND FICK

MED 1-19A

PHYS

CAO₂CaO₂CvO₂ $\dot{V}O_2$ → CO → SHUNT

DUBOIS BODY SURFACE AREA

MED 1-20A

BSA

HT

WT

→ BSA

→ RCL
CO

CO → CI

BOYD BODY SURFACE AREA

MED 1-21A

BOYD

HT

WT

→ BSA

→ RCL
CO

CO → CI

DYE CURVE CARDIAC OUTPUT

MED 1-22A

DYE

 Δt DC \rightarrow A

CAL

DOSE \rightarrow CO

FICK CARDIAC OUTPUT

MED 1-23A

FICK

 CaO_2 CvO_2 $\dot{\text{V}}\text{O}_2 \rightarrow \text{CO}$ BSA \rightarrow CIHR \rightarrow SV

VALVE AREA

MED 1-24A

VALVE

SEP
DFP ΔP $\rightarrow \overline{\Delta P}$

R-R

CO \rightarrow A

ANATOMIC SHUNTS

MED 1-25A

ANA

R-SYST

R-PUL

L-PUL

L-SYST

 \rightarrow SHUNTS

CONTRACTILITY

MED 1-26A

VMAX

 Δt

PN

 $\rightarrow \text{MAX}$
 dP/dt $\rightarrow \text{MAX}$
 dP/dt/P $\rightarrow \text{VMAX}$

STROKE WORK

MED 1-27A

WORK

PSYS

 $\rightarrow \bar{P}$

R-R

CO \rightarrow SWBSA \rightarrow SWI

Scan Copyright ©
The Museum of HP Calculators
www.hpmuseum.org

Original content used with permission.

Thank you for supporting the Museum of HP
Calculators by purchasing this Scan!

Please do not make copies of this scan or
make it available on file sharing services.