Robert Haywood

Robert Haywood
Aug. 23rd Raleigh
1878 N.C.

What are the indications for the treatment of fractures?

How are they to be accomplished?

What special treatment is required in compound fractures?

Splints & their substitutes are to be used only as means of retention but for the purpose of correcting deformity as by traction upon a projecting bone.

The constitution of bandages is liable to be painful & danger-

rows - They are only
to be used for a steadily
designed and necessary
purpose -

Prof - Lusk -

Tenderness over region of kidney can be found in acute nephritis & scarlet fever - dry cups & whiskey are good but can get along without - digitalis where fever is marked is very good - Iodides & urgarics do act on bowels is very good - Excellent remedy is Fld Ext Jaborandi - if not by stomach by injection gets in half an hour - Sweat no diuresis, parotid gland & intense bronchorrhoea - do not therefore begin with less than gtt. X - XV by injection - Sponge body place in bath at pleasant temperature - then raise gradually to 103 - 4 - 5 - 6 - 7 - then take out after 10 or 15 minutes - place in

least a child will have
1-2-quarts of water then
give cream of tartar to
increase urine - during
convalescence give tinct
chloride iron.

Pertussis

Disease, contagious of
infancy - occ 1/2-7 years
some as old as 80 yrs. more
frequent in girls & more
fatal - nerves spontaneous
occurs sometimes in my
fault at least but rarely
when appears spontaneous
probable because true
was error of diagnosis. or
diseases. ordered ked
contagium in respect-
ation, which contains
fungi - seen by micro-
scope - put upon mu-
cous membrane of eye

virulence the disease. Re-
member that the total
mortality from scar-
let fever is less fatal,
than those of pertussis
& its complications —
3 per cent deaths in com-
munity said to be attri-
to pertus. & its compli-
cations = incubation
3 to 4 days - no symp-
toms - blood disease be-
cause & this incubation
the cause never have it
twice - 1 - catarrhal stage
not distinguished from
ordinary catarrh except
sometimes great fre-
quency of paroxysms
especially at night
Little fever elevation
temp running from
100 to 101 eyes - dry cough

tickling in throat - laryngismus becomes more frequent - stage about 10 days - sometimes only 3 - sometimes as many weeks.

2 - Convulsive stage - cough has a peculiar change in sub-laryngeal & Inspiration with violent & Spasmodic closure glottis & convulsive action diaphragm - resembles somewhat croup cough. As soon as child feels cough coming on - which usually succeeds by hoop under-tickling when - then tickling

in throat - child bra
herself on some object
frequency of pulse re-
spiration & posture.
tion of circulation - face
congested - then livid
from difficult ox -
genation - finger nail
feel wave of blood
from heart - I have
to prolong - may
have cessation of heart
action by pressure from
the ear = child turn
faints & Paroxysms
13 - 20 day - sometimes
two - 20 - 30 - 40 - Several
of disease indulged
by parents & guardians - Red -
very sensitive spot

feet underneath Lotti's large square tracheal rales, tickling them very intense, & hanging upon them comes an occasional cough which is only removed by expectoration of the viscid - whitish mucus - which adds to change in vocal tactile fremitus & resonance in medium & large bronchi - [illegible]

also sometimes evaluated during operation - complications capillary bronchitis - bronchial pneumonia - pneumonia - chronic pneumonia - emphysema - interstitial & vesicular - can also cause an through pleura + cause pneumothorax - emphysema usually disappears after months - cerebral anoxemia + oedema during anoxemia child can drop down from over accumulation of CO_2 in blood

Treatment consists

Staying to diminish
Sensitiveness of nerv-
ous filaments to lan-
yngeal bromide totally
Internally but does not
seem to have that lead-
ing influence -
Rx
Bromid potas 3ss
water 3i
Sig - Apply by spray
Inhale -
Rx
Silver nitrate gr x
water 3i
Apply same way
but as children are
too young, cannot
always be used

℞
Potass carbonat ʒ iii
water ℥ x
cochineal gr xl

Use to render mucus less stringy - Alkaline mineral waters take & swallow before & during meals or between - stringent remedies - to thin - Fluid Extract horse chestnut to restrain secretion from lungs - best during decline 6-7 weeks of disease - during this time have excessive discharge of mucus which is however less stringy than in the early part of the disease - Horse

electrum contain
tannin - Appeal to
nervous system to
control hypnotics
anodynes nepthest
to hygiene poison
will multiply poison
fined in one house
will render the
disease more virulent
or will produce
coughing to will
relieve ~~them~~ when
weather good can
best kept patient
out doors - Best
anodyne some form
of opium Pulv
powder - child 2 yrs -

gr i Every 3 hrs. till
get some impression-
Do visit patient - will
rarely be ugly as fre-
quently as before - pro-
duce little drowsiness
but no more - can
reduce Narcoyen
from 30-20 to 17-10
a day - Belladonna
1/12 gr in 24 hrs. will
sometimes produce
dangerous symptoms
rest given at outset
of disease - some-
times will have to
give 1/6 to 1/3 gr to pro-
duce any effect - give
at night that dose
which by experience
we find the child
can bear.

In addition to
treatment - O - bicarb
or carb potash, alka-
line mineral water
give following

℞ aluminis ʒi
magnesiæ Sol. Morph. mxii
Ext. Belladonn gr ii
Aq. ℥i
Syrup. ℥ss } ℥ss

Sig - ½ teaspn every 3 hours -
ats. Letter changed
remedy upon hypothesis
of hooping cough
Blood ill. large doses
are in considered very
good - Dr. Dawson &
Strongly recommends

Quinqr ℈ii every 2 hrs
in powder in water -
with sandy, promises
℞ = 5-8 ℈ times a day -
when above Expectora-
tion ceases efficiency
take following
℞
Sodae Bicarb ℥ii
Tinct Hyoscyami ℥iii
Coccc gr x
Aq -
Syr = ℥ aa
℥ss

Sig - Dessertspoon-
ful 3 or 4 times
a day -
Tinct Iron for
anaemia

Contracted Pelves -
Contraction may occur at inlet
& pelvis impossibility - one
& contracted - the other spread
out -
Contraction takes place
in 3 ways
1 - pelvis equitably proportioned
but
2 - antero-posterior with
increased transverse
3 - antero-posterior with
no change in transverse
from sockets -
when antero-posterior
less than 2½ in no living
child -

Over 3 in in antero-post-
diameter to perform
version with transverse
normal - antero-post

to exceed 3 in when transverse diameter contracted — over $3\frac{1}{2}$ in in pelvis equivalent to just minor —

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1 death in 60 in Great Britain from cancer of uterus to 1 man — after puberty this frequent in women — cancer of uterus most frequent ($\frac{1}{4}$) — 9 in 10 women to have tumors — children — no colloid — no scirrhus — nearly $\frac{1}{2}$ die from hydro-nephrosis

Spondylolisthesis =
slipping forwards of one
of the lumbar vertebra
½ or ¾ - in childhood -
causes forward stooping
Spine can even slip
to pelvis + thus becomes
attached to sacrum
child then attempts to stand
upright - pushes aorta
downwards.
Kyphotic pelvis =
posterior curvature of
spine with anteversion - post.
iliac normal position
reversed - curvature
so low down that bony
weight anteroposterior
crossed + transverse

narrowed at outlet
narrowed from inward
projection of lower part
of rectum & much less
dangerous to injure parts
at outlet of pelvis than
at brim.
Funnel-shaped = per-
sistent infantile con-
figuration increased. Trans-
verse narrow. Sacrum
straight - promontory
not rolled forward &
pelvis grows narrower
from over from brim
to outlet.
Oblique pelvis of Naegle
atresic, inflamma-
tion takes place at one
sacroiliac synchon-

Dressing many muscles
of the leg to please the
power thus gaining
from weight of body
to secure shine from
traction which becomes
is nearly straight +
tubie & muscles is
drawn to opposite side
caused sometimes by
excess — transverse
atorium narrowed
fibres tends to press tell
further to opposite side
tripwards towards
cellular also tunnel
walls so that tranio
verse continues to di-

minish more from
above downwards =
promontory is reduced
to side where there is the
bony pelvis = then measu-
red between tuber ischii
and between the
then measure at the
anti-sup. spine & post-
sup spine
Posterior pelvis which
prominent by narrowness
all through —
Osteo-malacia = mal-
nutrition commencing
pollowed by marshy bones
tips — softened bones —
softening does not as
in rickets take place at
epiphyses but through
the whole substance of

bone starting from
Haversian canal we
get increase of med
ullary substance
the process goes
on so that we have
nothing left but per-
osteum + thin soft mat
ter — thus the whole
bone is rubbery known
as soft fully formed
cartilage pushes
wards — future bones
nearly straight —
Pseudo-osteo malacia
is where child with
rickets began to walk
before bones were fully
formed —
osteo-malacia adult

case of adult age. Every preg. Savey the disease gets worse & worse progresses worse & worse — Even arrest it pregnancy causes to increase. Pelvis soft as rubber so that it can often be stretched out — does not usually survive more than 1 or 2 pregnancies —

Pelvic ablutis may occur as a result of an application to the cervix uteri —
Period of incubation 2 or 3 days
70% well in a week
20% 14 day
others 3, 4 & 6, 7 weeks

tapsule — vertable-umbil. dejues "dessicate
2 — 3. — 6 — 8 or 9 — 12 or 14 —
drop off
21 or 22 day — vacation —

Dr Barker's Post Partum Pill

℞
Ext Colocynth Co
Hydrarg Mur Chlor } āā
Ext Hyoscyam } gr iii
Ext Aloe & Ferric gr ½ - 1

M

ft pill No ii — Give
at five in the morn-
ing —

℞
Ext Ergot - Fld
Tinct Cinnamon } āā
" Ferri Chlorid } ℥ss
" Aloe & Ferric

Sig — ℥i Every 3-4 hrs — Sub-
stitution of Dr Barker —

℞

Quin gr 1

Aloes gr ½

One pill after meals

t-i-d- for piles in

women — Soak — Keep

this treatment up 3-

4 weeks

Prof. Polk -

Nitrate silver - small doses -
Tinct iodine will remove
staine from nitrate silver
iodine then removed by hypo-
sulphite soda - Mild left by
all escharotics - on bowels
between irritants + Escharotics
Small doses increase appe-
tite - also relieves constipa-
tion by increasing secretions -
taken for long time impairs
digestion - also blood loses
coagulability - injures blood
corpuscles - discoloration
Pain 4 weeks first takes
place blue color - do not
give longer than 4 or 5 weeks
Stop when this discoloration
takes place - in concentra
ted solution strong nitaut
give 3ss in tumbler of wate
of common salt - more
apt to cause poisoning

than other substances from
simple fact that we use
it so much about when
the [illegible] mouth - Be sure
only to have just enough
$\frac{1}{8}$ - $\frac{1}{4}$ inch) projecting be-
yond holder - used inter-
nally in nervous dys-
pepsia = such forms
in hydrochondrias where
great flatulence - plus-
phorus very fine - silver
$\frac{1}{4}$ gr after eating - where
tuberculous ulcers - in
chronic gastritis - use
first undermentioned fluo-
ride mercury & last
silver bromis - as alterative
arsenic & gtt - mercury
$\frac{1}{40}$ - $\frac{1}{50}$ gr & silver nitrate gr
$\frac{1}{4}$ before eating - this is the

order in which to use these agents
cautiously- No
wide use
to silver
the best treated by mercury
food but mercury silver
has wide reputation, but
not justly- arsenic & hi-
chloride best-

℞ Silver nitrate gr ¼
Belladon gr ¼
Opii gr ½

Sig- Pill before meals
Silver pharynx pulmonary
mation brain & spinal
cord- Myelitis tissue
by long use of same
℞- 6 or 12 pills- Seems
to act as alterate- altering

than other subst
simple ones
t.s.

local inflammation
going on - but stop
to call inflammation
& probably causes obs-
truction - where slightest
suspicion of syphilis
use Iodide - other
wise nitrate silver is
best - Even when we have
complete paralysis
we find at post mor-
tem no lesion which
can account for this
rendering difficult
to decide what should be used - then
too some cases get

well spontaneously- No remedy has so wide use externally as nitrate silver in weak solutions simply irritant- in concentration escharotic- used to stimulate granulations- as best application in sluggish indolent ulcers- Destroys in one instance low grade granulations in latter hard indurated tissue

℞

Silver Nit ℥ j

water ℥ iv

Sig- For chronic skin diseases eczema + psoriasis- causes absorption of hard tissue

Fissured nipple - fingers
mouth & solid stek
best application - Dis-
eases of throat - except
acute & are sometimes
charged to excessive
use of nitrate silver

℞ Silver nitrate gr x
water ℥i

Sig - Subacute & Chron
ic pharyngitis -
post-nasal catarrh
where long stem of cun-
nus hypo douche better
use this 3ss to ounce
& apply on jewelers cot-
ton - dejuvated oil - wrap
tid on probang - intro-
duce to third soft pal-

ate after pulling out
tongue - every day or
every other day - when
in anterior nose - more
sensitive - use spray
- grr v - x to ounce - very
fine treatment - patients
believes such a asso-
ciated with tuberculo-
sis - not so - chronic
follicular pharyngitis
use 480 gr v - x to ounce
solid stick - use this
concentrated solution
with cape - insert solid
stick - swab - into each
follicle - laryngeal dis-
ease gr v - x to ounce -
chronic disease re-
quire it & subacute
one best remedies

℞ Glycerin ℥ss
Water ℥ss
Silver gr x
M.

Apply to lesions with camel's hair brush.

Apply to lesions of external genitalia & perineum with gr v - x to ounce in this condition often find cough when it can be dispensed with else these look ded swollen & inflammatory - require dressing when used wish to have treatment to patient

use Zinc Sulph & lime
water, but we can use
silver ourselves - also
good in gonorrhoea better
use it yourself than
trust to patients better
give patients Zinc. tan-
nate — For Eye the
best we must use
ourselves. granular
lids treated with nit
gated stick 1 to 3 %
silver & nitrate Potash
Solution 2 gr to 3
used to abort Superf -
ficial inflammation
& Synovitis - chiti
te - Same as pure
tinct iodine - just as
good - use Church
Bell's Tinct —

Sodium hypophosphite
$\frac{1}{2}$ - $\frac{1}{30}$ - used in
Head & nerve when
nervously to qui do
no good but have
broken down the con-
stitution - but nev-
ertheless diuretic but
when used hab-
erly - Good also
used in the same
nervous troubles
as silver nitrate -

3 years ago a good deal
was done in treating
hysteria & hysteroid
epilepsy by applying
metals & one would
respond to gold or the
to silver & result
was to relieve nerves -

thesia - paralysis - which
was usually harmless
gic - metals sometimes
removed whole in-
firmity - again topply
acted locally - supposed
to be due to galvanic
currents generated
by the secretions of
body upon metal
Nitric acid
most generally used
escharotic - destroys
warts - phagedenas
deep seated ulcers &c
common soda, or
soda neutralizes.
Nitric acid &
any thing else con-
centrated solution
bicarbonate soda
very good apply

with glass rod. So
used orally but
good for Ptyalism
Caustic potash &
Caustic best for lites
of skin Dogs bee stg
Cause burns deeply
SO3 used in comp.
vinegar with chlor.
coal as paste. Sul-
furic acid & Tar (1
Tar acid- & bismuth
oxalic powder to
good for remedy
Free from only cause
slough ulcers cause
a good deal of in-
flamation- blisters
is very good to

Twenty drops of this
Essence applies this
paste every 3 or 4 days
then examine it tho-
rally - 1 gtt day for
weeks till we reach
Tolerance of patient -
Chloride zinc used
in paste - Caustic
Free and Trust
Into base of Cauter-
Escharotics used entirely
for destruction of tissue
- bites of rabid animals
serpents &c - Caustic
Potash best because
penetrates more deeply -
Chloride zinc - but
not sure as it is harder
to neutralize Excess -
Zinc is in powder 1 to 3
Or 4 - neutralize Ex-

Caustic potash by
Vinegar - Nitric acid
good for cleaning with
SO_3 & nitro muriat-
seldom employed as
NO_5 - will answer every
purpose - Acetic acid
very mild, used chiefly
on warts - slip warts
& apply on glass rod
Chromic acid forms
tates very deeply would
attack any tissue, even
bone - apply to cystic
tumors women Epi-
thelioma ulcerated
vix & sometimes
in combination with
glycerin - combine
Ellsoly or we get an
explosive mixture - no

ther bacid has similar
action with glycerine
Bromine used for
hospital gangrene-
Iodine not escha-
rotic - but irritant
Urina fast - a a Cau-
tic potash Lime -
will only turn sup-
furic Ammonia
gangrene potash good
for phagedenic ulce-
ration Also disin-
fectant - Caustic soda
Ammonia less severe
than potash - Antip-
mony rarely used
at present - ter chlo-
ride sometimes - Nitrate
Mercury + bichlorid
sometimes used

for syphilitic sores
lupus stumous or
ulcerous - ophthal-
matigus - Purgatives -
merely irritants - A-
nesthetics local &
by internally for-
carcinoma - Acid
Hydrocyanic - Bismuth
2 to 3 -
Irritants
These have somewhat
different action from
those formerly con-
sidered formulæ merely
as local remedies - but
counter-irritants to
affect deeper organs -
Rubefacients - simple
redden - another
class inflame -

sometimes irritate
skin. Rubefacients
if kept in contact
for enough width
for some time affect
but we do not use for
this effect as there
are very effective
table counter irri-
tants that act more
wholly through nervous
system - e.g.
just mustard plaster
over stomach in vom-
iting - we irritate sen-
sory nerves from cord
via vagus then to stom
ach this through sen-
sitive nerves - counter
irritants also used
to affect nutrition

e.g. - if we have inflam-
matory products a-
round because we
see about it by
counter irritant but
only by the more do-
ep irritants those
that produce vaso-
motor nerves -
counter irritation can
only be explained on
theory of reflex action
Some explain by oed-
ema or serous discharge
from blood but this
is not plausible, as
by withdrawing the same
quantity of serum from our

blood we do not get
this effect - Rube-
facients are mustard
turpentine pitch mu-
riated chloroform
liniments camphor
&c - Essential oils
Epigeon &c - when
applied to skin trans-
lation prevented
cannot vesicate -
Turpentine stupes
are made from
flannel 1 ft square
wrung out in hot water
then wrung out as dry
as you can turpentine
cover with oil
silk after bleeding
on abdomen - and
keep for policy sake
keep on until the

begins & then remove
for ½ hour - mustard
plaster 1 - to 3 of flour
use cold water for
warm effects Essen-
tial oil Apply lin-
iments of Sloans.
Spine - Use only must
get superficial Rel-
ief of skin with-
refacients mustard
over stomach rest rem-
edy for vomiting in
itable stomach & o-
piates - mustard
leaves - good for
superficial myalgic
pains - over stomach
no bad effects - good

for headache in hot
mustard foot bath, de-
layed menstruation &
or sitz bath - In sear-
let fever - in pleurit
form in cerebral fev-
fure - nothing so good
as localized irritation
of whole surface &
water gallons it - fever
mustard 0 1 - wring
warm blanket out
in this wrap child
in it keep there
there for about ½ - 1
hour - also recom-
mended in central
pneumonia only where
however there is cen-
tral nervous irri-
tation - Tuberculous
stage all kinds of

superficial pains
neuralgia & first
stage syphilis before
blisters are required
where prolonged but
slow action of plaster
best - carbonum plaster
which is simply spread
over leaf plaster as
myalgia - cover sin-
face with cotton bat-
ting - carbonum acts
as cotton & besides has
irritant action - good
- in back of the wrists
as these joints
are not at fault - such
as occurs in old fur-
rows or pitch
plaster here as

Painful joints diseases due rest because we have to keep use friction. - Turpentine best - phosphorus for gout - neuralgia of face - migraine - neuralgia headache resulting from liver is very good - has very destructive odor - should medicines take outdoors only with bottle - Dissolve 3ii gutta percha in 3i - turpentine 3i or so of the bisulphide - place mouth of bottle to forehead - keep in contact till burning then remove & apply again when pain is

remedy ceases till
head & the leaves. Re-
member the remed-
dy is very inflam-
mable - Should
blisters to wrist
ankles for drop
to get the with hot
water bottles - Can-
tharide ointment or
croton oil - also an-
timonial ointment
not so good however
used where we wish
decided action - as in
phthisis, where we wish
to get up irritation of
over tubercles - Croton
ton oil 1 part to
Sweet oil 2 - produces
pustules speedily but

are very superficial
acts in about 2 hrs
milder rubefacients
dry out & irritate skin
better in fleuritis
last stage - only use
the croton oil in first
stage to modify de-
cidedly the destroy
intensely - good
in neuralgia to stim-
ulate where the acute
tends to become chronic
together with tonics
Diaphoretics - Can
Diuretics - best treat-
ment is Sanitar-
ium because
most certain in its
action - the requi-
site amount

place on level place
to keep light
away from eyes
to shade
not so good - not
even feasible - Do not keep
a vessel longer
than four hours
usually 6 to 8 x sufficient - after removing the remedy
apply for three + rest-
less will appear apply
ointment + leave both
alone - If however you
wish to produce deep
effects - break blebs +
expose to air + rub gently

Carbolic Acid destroys germs & prevents also decomposition - Indigestion where Sarcinae are present is well treated by Carbolic acid as much as MXXX has been given be careful to dilute well - in contact with mucous membranes will produce ulceration - also local action on skin & causes diuretic effect - in flatulence due to decomposition & accompanied by pain Carbolic acid is good - can employ aromatic pills for nibbles &c

and carbolic acid for
severer - usual dose
is ½ to 5 gtts diluted
with 2 of 3 tablespoonfuls
of water - in blood will
shrivel up blood corpus-
cles - eliminated by
kidneys + intestines gives
smoky color to urine -
may cause inflam-
mation of kidney al-
buminous urine some-
times but soon disap-
pears - as local reme-
lies in skin diseases
where there is much
itching - like tar, oil
of cade etc - where we
desire stimulant +

anaesthetic effect - especially to the latter -

℞ Zinc Oxyd 3ij
Acid Carbolic 3j
Sig - For itching
skin diseases
In diphtheria use
as spray to throat but
chloride, chlorinated
Soda, salicylic acid
are better ℞ Bismuth
Subsalicylic acid better
to use by insufflation
to diphtheritic throat -
In testinal
indigestion also treat-
ed by carbolic acid
Disinfectant - it has

too much odor - use
1 to 40 of water - sat-
urate a number of cloths
creosote used of the
carbolic acid - used
as gastric sedative -
1 to 2 gtt to 3 ss water
every 2 hrs where ye
have indigestion from
fermentation of food
substances - Flows in
a over its direc-
tion properties to
the fact that it readily
gives up its active
oxygen - Dyspnoea
in asthma, pneumo-
nia, phthisis & well
treated by O - miliary
tuberculosis cured -

ially alleviated by O-
lu spasmodic gottuna
O does seem to shorten
ttacks but is most
enerally simply a
alliative - free inter-
hange of air 2 day is
bsolutely necessary
in puerperal wound-
ontinent of per-oxide
hydrogen has been
used as a remedy
for scarlet fever Most
ointments are inef-
ficient or too irritant
this has no such ob-
jection - moisten the
body to prevent des-
tation — Puerperal
women are more sus-
ceptible to contagion

than any class of patients - search for fever - night by day sicken be carried woman & cause puerperal fever - especially 4 or 5 days after confinement be careful therefore to wash hands & perhaps acid - 1 to 40 solution - cleanse the vagina - 2 per cent - solution - 2 a day during the first 5 days after confinement - 1 to 40 - solution - may be used where ~~it~~ is contamination comes from

uterus itself - be careful
to wash out afterwards -
Chlorine - Chlorinated Soda
Soda + Chlorinated lime
Chlorine the best dis-
infectant we have
but is extremely irri-
tating to mucous mem-
brane - less volatile
also than carbolic
acid -

R
Chlorinated Soda ʒj
water ʒvj

Sig - Disinfectant -
use Labarraque's So.
lution in washing
poultices & for wounds
Sulphur is more

largely used as gen-
eral disinfectant -
Burning sulphur in
room where sick
has had scarlet fever
put sulphur in iron
vessel - close room
for 3 hours - chlorine
is more offensive
than sulphur used
for scabies - Permun-
ganate potash is dis-
infectant. Boracic
acid. Employed but
not so good as Sal-
icylic & Thymol also used
but very costly -

Neurotics act to relieve by virtue of their power to influence the nervous system — Opium in its extensive effects resembles Warburton's Confection of which 1/36 gr to 1 gr contains 1 gr of the preparation Powdered Tinct — Ipecac Powders Elixir Doveri's Powder is not so disagreeable to take upon the stomach upon the intestines Compressed pill of Dover's powder Squibb's Pill Powder — Mx = Doveri. Powder. 1 gr opium

Mag- = 16 gr to ℥i
U.S. = 1 gr " "

Skin or underlying tissue has no effect- but near muscles nerves and blood vessels denuded skin - By stomach retards peristaltic - diuretics - hunger - constipation bowels - results of secretions - Purifying effects - glands of mouth tongue throat - eliminated by all

passages - skin kidneys
intestines &c —

Opium stimulates certain
the higher mental fac-
ulties! eg - imagination
- the will is imbibed at
the outset - the co-ordi-
nating powers are par-
ally sed - sensitive faculties
- tactile also fearfully - con-
vulsions in children may
be produced - oculo motor
system is stimulated &
pupil contracts, but finally
is over stimulated - respi-
ration is final-
ly paralysed - this is how
opium kills Stimulates
pneumogastric at cen-
tre & periphery - also spi-
nal ganglia - pulse be-

comes feeble + rapid -
chucks secretions Every
where - tends to install
little effect organic re-
nary secretions - retards
waste thereupon is con-
centrated + high colored -
interferes with contracti-
ty of bladder, especially
when urine in retention is
be prepared for - retentions
of urine - symptoms va-
ry the dose - 1 gr quick-
ens action of heart - increas-
es blood pressure + frequency -
physiological & pathological dis-
turbances set aside gives
feeling of comfort tran-
quilizes & quiets sleep-
in stimulates the upper lor-
tion of nervous system

is not affected but singly by final drowsiness et- drowsiness & - then troubled sleep - respiration not af- fected by this small dos- age. Period of stimula- tion shortened & soon or soon comes on respiration spas- modically contracted & roused with difficulty & speedily get supposed at end of 6, 8 or 12 hrs stupor passes off - then nausea & vomiting - breast by keeping head on pillow - skin hot & cold & clammy feel ~~feet~~ effect of ether effect on vasomotor system - pulse 111 or 4 pol- sonous - ~~pulse~~ sonous

Senna, Belladonna, Cyanose-
respiration 6 to 40 rapid
Sneak pulse, Stertorous
breathing. Suffused
Eyes - like opium poisoning -
Cholera infantum & apo-
plexy are likely to be
confounded - first set
point - Spasm intes-
tines with respiration
most markedly use
antidote. Empty stomach
stock to heart (respi-
ration - atropia 1/20 gr
every ~~½ or 1 hours~~ 2 0
min till 3 or 4 doses
are given - in this we
seek to stimulate the

heart which is obtained
long before the pupil is
dilated — use effer-
fld ext guarana 1 hypo-
dermically tumblers
water dessertspoonful
mustard, dessertspoonful
salt, hypodermic alco-
hol. Stomach pump-
stimulate surface by
wire brush & friction
battery, pass over the
about eyes, forehead
chest & 10 beyond
patients head as low
as possible to insure
free circulation in brain
Hypodermic Camphora
& brandy to stimulate heart
when atropia has been given

sufficiently - also nitrate amyl - Morphia in solution & injection of the cerebral differs from digitalis in having little effect - produces tetanus - about claws & nose & affects contractility of bladder - more anodyne & hypnotic & effect - stimulates less & similar to crude opium - Apomorphia is more active - produces nausea & vomiting takes 5 = 0 ten minutes to act - alarming symptoms of poisoning sometimes occur from cutaneous absorption, or susceptible

people — never begin
with more than ¼ gr or
mr Magendie ÷ old people
much more susceptible —
Bear in mind that in Dr —
Lee's Powder & Syrup? may
not be equably distributed
Males bear it better than
females. & are more sus-
ceptible to the disagree-
able effects of opium —
Pain also differ it also
interfires with visual
dose increased therefore —
Mrs. Munds or Dr Lee do not
find interferes with the
stomach's — Chlorodyne
(Be-meconate mo. Mia) also
good) contains dil Chlo.
roform capsicum &c
Less apt to cause nausea
& vomiting hypodermically

nausea + vomiting caused
through nervous dyspepsia
not action on stomach
used wherever we have
pain. Biliary or renal
colic give hypoder-
mic - ½ gr ½ hour +
repeat if no effect use
minimum dose = do
not give more than 2
hypodermics = if we give
after this use stomach
lavage - Lead
colic - hypodermic not
so likely to interfere with
bowels as by stomach - Jaun-
dice, gastric ulcer -
duodenal tract short
true pernicious vomiting -
in vomiting - pregnancy +
irritant poison + c - Ure-

ralgia-sciatica-hypo-
dermic morph & atropia
deeply- gives as well
as chloroform- Sum-
mary- hypodermic at
night- for if in day
will interfere with Chlorodyne

℞ Chloroform Purificat ℥i
Ether Fort ℥i
Spt Vini Rectif ℥i
Creasote ℥i
Pulv Ext Glycyrrhiz ℥ii ℈ss
Morph Murdat gr viii
Ol Menthae P. ℥ss
Syrupi Simplic ℥xvii ℈ss
Acid Hydrocyanic (2%) ℥ii

Dose ℳ v-x = 10-20 drops
Dissolve morphia & hyd
creasot in alcohol
Mix Chloroform & ether

with this solution - mix Sig-
nonics with the syrup and
add the molasses - Shake
the two mixtures together well
and lastly add the Hydrocy-
anic acid - again Shake
well - Squibb's formula
In surgical Shock
small doses - in V Irag-
taleoholic Stimulants
In hemorrhages small
doses Stimulate Heart -
After pains in nervous
people causing great
lost of rest = Hydrocyanic
Haemoptysis. Congest
digitalis. Quiet by opium
Small doses gr ½ every
3 hours - Inflammatory
serous pleurisy
relieve pain - Iodin -
set is very sudden

promptly but patient
under influence of opium
gr ½ if more gradually more
quiet also relieves ten-
derness do not require
respirations less than
10 - Every 2 hours ~~gr~~ ½
give bed rat quiet -
keep to 10 or 12 by request
loose at end week
if unconscious from
constipation give Enema
of pericardits if much
effusion give drug
sparingly in first
stages & urgine to
retrieve failing hydr-
dernic insufficiency -
gr ¼

Inflammation brain
Food with rush
congestion rise with
Temperature. Increase
pulse good —
Cataphal inflam-
mation throat — Quinine —
Dover's powder — good
in early Stages —
Rx Quin gr XII
Dovers powder gr v
ft into silver coated
pills v for first
stage & above for
tardy or rise hy-
drodic acid (Squibb
neil's Syrup) ℥i — In
catarrh bowels with
diarrhoea give Cathar-

tr of opium
Give Epsom Salt
Saline or Hunyadi
water

℞ Purgonic ʒvi
Hunyadi water ʒvi.ii
Give glass full
Every 4 hrs. till relief
is obtained in bowel
catarrh— Dysentery
give with caution for
Cocles in Lis Mar-
seles use deplete ts es-
pecially in first stage
or calomel in viola-
cious districts

℞ Calomel gr xv
Bicarb Sod gr x

℞ Paregoric } aa
Ammon Cit Pris } ʒ ss

Give after every move-
ment for dysentery
Cholera Morbus &
Diarrhea — Also
Hysterics — In
Pneumonia give with
care for the fever
& burns is favored
by its influence
with the respiration
In intermittents it
arrests — Dose
drops 1 — 2 hours
before the paroxysm —
Doses to be best
in all kinds of fevers —

Spasmodic Asthma is
treated with belladonna
& duboisia

℞
Atropia gr 1/6
Morphia
hydrobromic gr 1/4

Hydrophobia - tetanus & chloral -
bromide better —
Chorea - acts as a
symptomatic remedy -
Given when spasm
interfers with rest of
patient - Can use in
addition to Bromide
& chloral - Belladonna & opium to-
gether good for hydro-

Phobia of morphia
effects badly use
bromide + chloral —
In delirium tremens
+ Opium narcosis
+ bromide + chloral
Melancholia - it is
sometimes dangerous
to procure sleep + to
relieve the nervous dys-
pepsia - small dose
laudanum before eat-
ing act well together
with nux vomica —
very fine — Preserve
will fail as sedative
& pain after habit -
Suicidal
mischievous ge
generally relieved but
by chloroform

hydrocyanic of morphia
valuable assistant — gr ¼
every 2 — 3 hrs — give this
first — it is said to sup-
tain the heart against the
paralyzing influence
of opium on the heart —
& in uraemic convulsions
it acts as a quasi-specific
remedy — in cyanide
poisoning, that due to
pressure of aneurism &
shutting off comforting
to patient, go small /
dose morphia — these
sometimes react badly
to strychnia — therefore give
gradually with atropia
combined —

Belladonna
Stramonium
Hyoscyamus
lines all the
of drug — Tinct Aconite

Largest dose hydrocyanic acid is 1/120 gr. - Poisonous, if taken by fair skin, very susceptible - even 1/120 gr can produce poisonous effects in excited persons in half hour - two hours dryness of back part throat, shortness of breathing - dilation of pupils - increase in heart action - slight dizziness - 1/48 gr dyspnea - all skin function re- stored - tongue and throat - feeling of heaviness - lasts from 4 to 6 hours then a visit dissa;

Treatable nausea Drakes
Appearance dilatation
pupil nausea + slight
looseness of bowels -
latter likely to occur
after subcutaneous dose -
Sometimes lively
delirium - poisonous
dose will not
Strengthen but par-
alyze heart &
Cardiac depressant
does not equal to opium
marked lively cheer-
ful delirium / Belladonna
Contracts by coming
in contact with certain
nervous tissue - not
to change in pupil
is expected by Belladonna

unchanged tastes
as diuretics - increasing
fluids & paralyses
the function of the
spinal marrow, lessens
sensation very little -
affects motor power
but a return upon reflex
& spinal excitability
& depression - action
on heart due to ~~the~~
the stimulating
action on centre -
nerves - & blood vessels
out more than alcohol
its derivatives in
shock as sedative
& stimulant

Give in equinetis
vitriol soft - nostrils
gr 1/16 - heat at ends
2 hours, feets as stum-
blant - Thin ventures
to 60 gr - certain se-
cretions are unpaired by belladonna
in physiological states. Irritates tents
to increase activity
skin acts sluggishly
upon bowels in con-
stipation by relieving
brain pressure. Files
Tannic acid stom-
ach, mouth, caffein
+ in poisoning
be cautious of keeth
head low -

In acute diseases of the eye — Dilates pupil by stimulating sympathetic fibres of paralysed motor fibres of oculomotor supplying sphincter pupillæ & ciliary muscles & therefore suffering with reflection & paralysis of accommodation & are thus benefitted by belladonna. Keeps pupil dilated & we thus diminish amount of blood sent to inflamed area & by stimulating sympathetic fibres in iris & ciliary body acts as antidote — & collapse

iris, Medications for
R/ Tr. refrastin
R/ Eye-Drop Atropia
Sulf & Lectures accom.
Medications Dilate
pupil is done by
Solution gr 4 to 3i
drop 3 or 4 drops
in eye & heat & Nice
Essay at end 3 or
4 hours — to Examine
retina hardly Nec-
Essary to use Fellalon
but can use 1/20 gr to 3i
Sometimes a week
before patient gains
complete control
Eris — Morbid &
Physiological Se-
retions of the

treated by belladonna
& Opium at bed time
& Opium suppository -
& Opium suppository -
for 1 - 3 il or bella-
donna ointment -
use bandage in com-
bination - Can even
produce constitu-
tional effect
by this means - Pur-
gatives from time to time
& constipation bel-
adonna or Opium with
aloes shortly -
strychnine - latter
acting on centres
well & donna & Opium
neighbourhood

lar fibres - Sciatic
neuralgia in general
best treated by con-
junction with morphia
& counter irritation
well treated by bella-
donna — inquire what
is cause — Ovarian
due to reflex irrita-
tion commonly — uterus
hemorrhoids &
acidity & Some
times purely functi-
onal in table state
nerves this best for
belladonna — R. ext
adult gtt x
in child gtt v-xl
as patient with
pain - combine tinct
Muriat tinct nux

℞
Mucilag Tragacanth
Tinct Belladonnæ ℥ xv
Glycerin ℥ iij
Aquam dest ad ℥ iv
Misce et fiat mistura
cujus capiat cochl
magn j ter in die
ante prandium
Mistura agitanda
Volatile may be the same

nothing so good as
combinations of this
Belladonna diminishes
secretion upper portion
respiratory tract from
upper portion larynx to
nose & in hay asthma
often have excessive
discharge — hydrocyanic
& atropia — best served
by ether iodine carbol
& acid &c — Ergotism
has comparatively little
effect — astringents &
stimulants — chlorate
potash & rufus sumac better —
whooping cough — has many
valuable uses, but
must obtain action from

in child 2 - 3 yrs old
in Every 2 yrs will
get on out fair in
baroque stage -
chloral should be
rest - prescriptive a-
gainst scarlet fever
It has no effect in
four from the light
effect on the rash &
file spy lobes or glands
have not the best effect
as broken down pale
people complexions
with belladonna the
pupils — at in -
tervals of 5 - 6 hrs
during the 2 4 - each
patient must dilate steady
effects — keep up for
5 days to be year - also
in those for dus no e -

Typical Chilblain — Superficial congestion of the affected parts — followed by inflammation — & the production of contraction — Ergot more powerfully & along acts on muscular tissue & vessels — it is extensively used but cannot tell how good it is — Atrophia hypodermically in muscular spasms & after surgical shock seems directly into vessels very good — Useful in cerebral disease is also good great at outset — Dose $\frac{1}{4}$ to $\frac{1}{2}$ 8-32 — Externally for dressing of wounds

with chloroform
anodyne inhalations —
Sulph. Rheumatism —
feeble power — what
it does due to the au-
aesthetic influence of
chloroform & powder or
Rx Belladonna
Chloroform ℥j
M.

Sig — For Lumbago
&c — apply on cloth —
Stramonium Tincture
Veratria alkaloid Tr Belladonna Hyos
cyamus — Source
of Belladonna Stra
monium Veratria

tr belladonna in
tinct. quercus with
hemorrhoids & bath
astringent & anodyne
℞ Pulv. Subacet. aa
bismuth Strontium ℥ss
Olei ℥ii
M
℞ Chloroform ℥ℓ
Zinci Oxidum ℥ℓ
Sig — For hemorr-
hoids & fissure
hypodermic tablets
hypnotic tablets
& insomnia

Ico mania — Poison
Cuba less severe than
Cactopia — 1 — relieves
Canine as in bell —
1/2 Effect Every 2 hours till
Effects of active
principle — mus-
cular pain 1/2 —
1 — or hydrochloride
2 5 — 30
into muscles —

Diuresis acts more
powerfully than bella-
used in combination with other drugs — except
in Edema of the lungs —

Cannabis Indica
is mainly used as a
supplement to Opium
while we wish to get
mild hypnotic &
anodyne without a-
ny of the bodily ano-
ly we have a Kat-
ent medicine
obstinate cough ~~or~~ in
phthisis while we
do not wish to af-
fect digestion. Has
large amount of Cas-
ein in the form
ing with milk fat
seed tea gum arabic
or sugar if we thus
get rid of bad effect
of Cannabis - Mix
to 40 every 2 hours

In mild anæsthesia
as in deep sedation
in bronchitis, pneu-
mony colds, influen-
tal fever, kidney
very mild action
on digestives slight
constipation. Effects
similar to fresh
stage of pneu-
bullum with good
deal of prostration
attending col-
lapse. Resolution
ulmonic ædema
pname — Hypnotic
is superior to a-
finum bears no
disagreeable effect
10 to 15 Grains

dyne - is a bitter Ergo
Stomachic tonic -
use Sulphine in
sleeplessness & de-
lirium tremens Bull
forms Mania of a
Delirium tremens
where damage to ner
vous tissue - use
chloral - In water
dulness & mental
& physical fatigue
use also Kola
bear also in mind
Clarkson's nervous
ness before a ex-
amination or 1/3 glass
of lager beer -

Bromides all
act alike Bromide

Potassium has more effect in diluting the blood than due to the presence of urea in the tubules, tertiary actions, and reflex actions - Bromide has more effect because it is more easily composed to chloride for reabsorption in the tubules

Cucumbers also produce
potassium, iron to
a great extent, the most nutritive
portion of which lies
directly under the skin.
Cucumbers also
help digestion, and
little effect of cucum-
ber eaten
long continued
affects injurious — we
therefore under-
stand why beauty
feels very heavy this
acting on nerves, cau-
ses facets on hearts
weakness, erodes adi

Semi-paralysis
of centres of sensation - Should
be - To get effect
seek up dose con-
stantly - 6 mos - 2 yrs
Every 3 - 6 hrs - to ch
sug. possibility of
non-return of kid-
ney function & kidney
for nerves there rea-
sert ts. some we
we have great deal
of nervous depression
Dr Bonyens - Lumbo
ytonic melancholia -
from anaemia
& pain from im
digestion - diuresis -
Urine of Dec 9th -

shoulders - hump
in upper lon-
gitudinal sore
heal with great di-
ficulty - speak in
husky or hoarse
voice - voluntary
phonation frustra-
ted - tract of nerve
innervation - breath
fetid - secretion sweet
smell from abun-
dant bronchial
inflammation
by this gland
is also affected
Superficial ulcer
recovers - scar becomes
organs easily
affected - loss of

Veneral depletes the power of erection
Digestion when empty stomach diluted —

All bromides have irritant action sometimes diarrhoea - dilute largely - 1gr to 3t waters - Digestion empty stomach - as bromine acts better - have a paralysing effect on motor cells partly also sensitive - as pharynx pt larynx - in depressing sexual functions on mouth & Epiglottis & ducts in

passing out with urine—
Sleeplessness different
from that of Insomnia
It can be overcome by ef-
fort of will—suggestive
properties not sufficient
to remove pain—but
does allay excessive
action of nerves. Com-
mences at periphery
goes upwards to the
3rd—2nd to get this Con-
dition from 6—8 hrs—
No poisonous gases or
secondary single
Case—Long continued
has caused death—great
somnolence—general
paralysis of vision
great depression of heart
Anaemia—interference

Veneral affects the
Power of Erection
Especially dilutes
upon Epigastric Stom-
ach — when long con-
tinued upon full
Stomach largely
diluted —

All bromides have im-
portant action some-
times diarrhoea - dilute
largely - 1gr to ʒi water -
& discontinue stomach - as
bromine acts better - have
a paralyzing effect on
motor cells partly also
sensitive - as pharynx pt
larynx — in depressing sex
ual functions on mouth
& Eyaculatory ducts in

passing out with urine
Sleeplessness different
from that of Insomnia
It can be overcome by ef-
fort of will — suggestion
properties not sufficient
to remove pain — but
does allay excessive
action of nerves. Com-
mences at periphery
goes upwards — takes
3rd — 2nd to get this con-
dition in from 6 — 8 hrs —
No poisonous case on
record from single
dose — Long continued
has caused death — great
somnolence — general
paralysis of vision
great depression of heart
& nervous interference

with digestion acne
or furfura breath
loaded with fumes of
boomine sweetish fiery
ish smell salivation
coated tongue it may
also affect sympa-
thetic heart flurry-
Boom hotaps tamarou
rest for epilepsy
Lithium best hy-
rotic - Sodium can
be taken longest -
Lithium contains
most bromine - 90%
portion effect on di-
gestion if bidue to
do not act freely it

accumulates & interferes
more - give iron for
the anaemia - also Strych
nia
℞
Quin Sulph gr 2
Strych — gr 1/30
Ferri Sulphicum gr 1 - ℥ℓ
Sig - till ears tinnitus
edu also Conjunc
1/30 gr once for
anaemia Regulate bowels
worn out broken down
anaemic individuals
are best put to sleep
by alcohol - Neurly
best sleepless in-
dividuals are best treated
by bromides - 30 - 20 gr -

at six or seven in
afternoon— mania
in healthy people
mania lotus large
doses repeat every
2-3 hrs — 30-40 gr —
12 hrs of use to get
sleep — chloralism use with care
tion as can produce
great mental torture
in any cerebral dis—
ease used carefully
well admixed with
chloral (nervousness
of hysteria - insatis-
fied sexual desires —
best remedy is bromide
20-60 gr 3 times day

till control nervous hyperesthesia - no good in masturbation use broad spasion" at change life in women very good better than valerian asafoetida ovarian neuralgia acted well on bromide with bella- donna - especially about menstrual pain lasts after period 7 - 8 days - 1/96 gr 2 day hydrobromide in this affection - lobelia lung tobacco tetanus hydrocyanic & conjine with chloral vomiting - obstu-

rate - in pregnancy
where ulcer of some
times well tolerated thus
apply also mitigated
Sticks Nitrate Silver
to os - Silver 1 - Potash
2 - remember abor-
tion is likely to be brought
on - ∴ epilepsy danger -
when no cause for
vomiting give 30
to 60 drops 2
times day with great -
Reflex vomiting from
uterine + cerebral
disease provides
most certain remedy
does - No remedy
so good in Epilepsy -
Sometimes causes

hyperemia whether functional or-
genuine lesion - from
falls &c - where gross
lesion prom - not very
good may modify
convulsions but can-
not cure - but where
no gross lesion use
provides - Mildger
forms are far less
apt to yield to brom
than drauer for in
in healthy robust people
nocturnal incon-
tinence of urine
usually ceases in
small doses - in
reasonable doses in
healthy subjects give

bron- for 2 — 6
years - it may be nec-
essary to under rem-
edy constantly 9 40
3 times a day — keep
up continually till
effects - acne good
indication also an-
aesthesia of pharynx
keep on dose to the
acne anaesthesia
of pharynx - keep
up to the for
acne - then we may
give cautiously 3 ii pc ac -
bed-time until anaes-
thesia of pharynx
disappears increase
dose - After 18 mos or
2 yrs can do me

times diminish dose to
5-6 per day - therefore
made tentative tests -
Some people can't take
it - Equine tell fr 1/30th
no gr bcm will some-
times act well - con-
vulsions of children
interfering response
sometimes 2nd - 3rd
& a day - approach
dose gradually - gr ½
Every ½ or 3 hrs -
Hydrobromic Acid -
bromide Hydrogen -
mixture stated ingr

98% pure bromine - most powerful preparation of bromine in pure state - 90% - nitrate - Squibbs solution in water 33% of the acetate test = in strength 2-3-95 bromo-lotion - Its action closely allied to bromides - free from depressing action on digestion - however can interfere like mineral acids - two drug gastric catarrh - give largely diluted 40 m in water ℥ VII - VIII - can give

as a very fine lemonade
with a slight - mixture is
sufficient
Hydrobromic
water — ℥ss
℥ss
Sig - ½ to 1 ℥ three times a day
than from not-
not enough cases of
epilepsy reported
as yet - Valerian, nervous
tonic, anaesthetic
at change of life - hypnotic - does not so good
as bromides - formi-
dral tonic for affec-
ting secretions Storm

acetic ether - Insert
Squibbs Dilute when
we write for it.
Or Hydrobromic acid
Bromide Potash -
for hysterical fits -
Fits from gran -
Give gr XV -
Conium - best fresh
preparation is juice 3ss
then select 1-40
m - Conia m 1/10 - 1
= 1 3 of juice -
Actions can be over-
come by efforts of
will People &
actual dispositions
are harder to affect
than suggestible -
Can often in

latter get luxurious
action with 3ii — but
in healthy people will
sometimes take 3i

Conium — med dose
at first little effect —
slight increase of se-
cretions from oral and
taste — Squibbs Fld Ext
next best to juice —
Muscular weakness
first felt as
dull pain in back of neck
increased one hundred
fold — response by
skill in robust people
in weakly people may
induce sleep from ex-
haustion by reason
of the muscular paralysis

First stage — Sid Powers
dilatation of pupil — in
response to loss
weakening of heart —
acts on motor sys-
tem, most — begins
at peripheral ex-
pansion of nerves
ascends — Motor
centre of cord affec-
ted more than that
of brain — More re-
sponsible that from up-
turn then any remedy —
effects remain from
12-18 hrs — Survived
to 4th — dose Heart in blood
timely — does not affect in
urine as — like Atropine
does — dies from pa-
ralysis of heart &
respiratory centre —

Keep heart & rest
two going - Loosen head
dizziness, nausea
influenza - Lethargy
people are easily affected
by - very nervous people
little affected - Sup-
posed to have resulted
effect on certain growths
as sarcoma - no effect
however - uterus, kidneys
in chorea, bleeding of gums but
paralysis agitans, but
use Bromide club-al
opium & first these
sions one at periods
have effect of paralyze
in pneumonia &
pleurisy where rapid
breathing & severe pain -
by quieting respira-
tory movement we
might relieve pain

but corium is dam-
aged — we use
adhesive plaster — when
patient has fully ex-
pired — the pulley for re-
patient to the surface
costal respirations
in which rough
irritable edge up
ignore it as we have
better means — later
fully select respira-
tion & watch — hy-
podermic better in
blephro spasm — in-
ject into the diseased
muscular tissue itself —
Eelsewhere — some-
what resembles. both
coronium naturpura —
Held Ept best — com-

mucus with small doses
Watch- upper eyelid
first twds to drop-
Stop as soon as you
get this effect- Don't
then extends to other
tions of muscular sys-
tem- affects motor
nerve of the first- but of
terwards sensation be-
fects trigeminal the
brities- dilates pupil
like belladonna but
not so effectual in
poisoning- use quick
stimulants - used
mostly in neuralgia of
5-th
11 - First aconite - then
aconite - then gelsem
um - must push to
full effect to get effect
In irritability of bladder

pyrexia - phosphatic
urine - calculi - pain
far superior to quinia
in intermittent fever
& typhoid - stimulant
& nervine - motor
principally - tenesmus
with relief - diuresis
& increased respiration -
Much reputation in
tetanus - where use
have exaggerations of
effect - I can use it
hypodermically - one
advantage for I am
is so loaded + nausea
& languor & disgust
the spasms thus
interfering with the
administration of blood
to - I use every 2 or
hrs gr 1/4 - Produces

contraction of pupil — local action — does not produce bad effects & opium — Esserine is active principle — used in eye troubles, chronic cachexia strabismus, paralysis & retention —

℞
Belladonn
Physostigma } āā gr ¼
Aloes

M'r one pill at bed time — for constipation combine strychnine with above & electricity galvanic in paralysis —

Tobacco — produces soothing & calming &

feet - also violent
nausea + vomiting -
great depression of
circulation - + cold
Ext. best - Rest +
quiet, stimulants -
ammonia - Rarely
used safe for elimi-
nate constipation
Steel 20 - 30 gr +
in warm water
inject into rectum
use with care for
may depress heart
in shock - Essential Oils
Eucalyptus Thyme
Clove, Smoke &c -
Produces anemia
of tissues by contact

tinc antiroles from
stimulating sympathetic
then first paralyses
muscular tissue &
bowels thus relieves
peristalsis
Lobelia like tobacco
not so depressing how-
ever — but gradually acts
ma— either Tincture or
Fld extract — give to
prevent nausea — Dry
face use sachet snuff
plasters with caution
Tobacco nutrient
also used internally but
inferior to oleate of mer-
cury & sulphur ointment
Tobacco great
antispasmodic

Hydrocyanic Acid
most poisons of
all bodies-acts very
suddenly on nerv-
ous-paralyzing
both heart & respi-
ration-not imme-
diate-artificial respi-
ration &c- Has
flavor peach pit-
slight nauseating
effect as it passes
local effect on nerves
& soon tasteless
stomach-also an
irritable state of mus-
cous membrane
of larynx-&c-

with cough mixture —
Cyanide Potash similar
to Hydrocyanic — Two
two Preparations Phy —
drocyanic are distinct —
therefore test each
time we refill bottle —

Aconite in small doses
slight tingling & numb —
ness — in concentrated
strength in tender parts —
same effect — not so su —
perficial membrane —
slight touch — in full
dose nausea & vomiting
for a transient — latter
lasting & due to irrita —
ting quality — In medic —
inal dose has power to
diminish force & fre —
quency of heart — without
any other disagreeable

symptoms - one advantage - which is obtained long before any other evil effects produced - fall to 20 - 30 or 40 pulse - tingling & benumbing of skin - important sign of saturation - benumbing of fingers & toes - stoppage of perspiration - blue - we then get cold, clammy sweat - heaviness of limbs - collapse - death - paralysis of heart - dilatation - blood passes very readily into circulation - paralyses expansion - peripheral -

of nerves sensory - vise
versa for motion - do
not obtain latter - in
relieving neuralgia
this is the explanation -
time increased - solid &
liquid - insignificant -
It acts directly on heart
+ cardiac sympathetic
ganglion - No direct
Antidote - Electricity -
Emetics - Stimulants
+C - heart paralyzed
before respiration -
Minor febrile states
is our best remedy - In
child 5 - 6 ½ gtt Tinct
Root every 1 hr till
5 doses are given - less
susceptible than adults -
Result of diminished

Frenemy of Force
Frequent of Heart.
Gelsemium Sempervirens
Nativum Odorous
similar to the Phytolacca
Biological Sweat + Inflammation
pneumonia + to illustrate
this Specific fever-acute
inflammatory - Largely
used in pneumonia
it is to be used in first
early portion of the
Stage If it is to be any
good for fever there
high never use into
the stage for heart there
is liable to be paralysed
no matter how high
the fever when used

get decided action on heart
thus reduce temperature
Quinin & salicylic acid
better because we can
finish these without get-
ting any bad effects - Diu-
ination of respiratory
movement due to con-
gestion - here in flu-
enza we relieve the pain
disturbance control conges-
tion - & in bronchitis
action is same - can
use here without
danger that accom-
panys pneumonia -
use of the inunction
rheumatism & allies
& salicylic better use
can however use here
Carry to circulating point

Lips - action is re-
duction of pulse - temp-
erature & stimulates
relieves the pain - In
the dolorous - acidity
has begun more largely
would hinder - to [illegible] -
approach former with
caution -

℞

Aconitia gr. 1/8.
Glycerin ℥j.
Alcohol pure ℥j
Peppermint water q.s ad
℥ij

Sig - ℥j 3 times a day
with intervals of meals

Dirct Root - very good
for tic also - M V Every
3 hrs till burning -
we can give thus for
2 days & then increase
to 3½ dr in large fre-
quent this cure is per-
manent - Remedies.
here good - galvanism
Faradism - acupunc-
ture in combination
with any of these -
urethral fevers - Trivia
before sound is introduced
but after fever comes
on aconite is best -
& veratrum viride - in
usual dose more ir-
ritating than aconite
burning - irritating taste
in so good dose than
sea vomiting turnip

many far more [illegible]
start than in aconite
this stomach action
much more manifest
than in aconite — we
can by veratrum di-
minish action of heart
to a far lower grade
with safety than in
aconite — Jaborandi stim-
ach will upset the di-
gestion — It will do
no more than aconite
but quite as much
for more safely — "This
stomach action will
sometimes interfere
with its systemic ac-

tion — Overcomes this
by combining with
Equal dose M V Dest
tinct Spasm — Hard
to get poisonous action
3ii doses are given with
impunity — M ii — V regu-
lar dose — Can be used
where aconite is useful —
Except in acute arti-
cular rheumatism — May
sometimes prefer Opel
to other Anodynes where
stomach is at fault &
irritable — in all other
states prefer veratrum
to aconite — In hyper-
trophy — pressure
action — irritable heart
veratrum Query 3
his — where hysteria

Give asafoetida-valerian &c- Guarana-
Echinacea - Viburnum
Give full doses- M
& K Europ
Hyos - Helleb. Cass
have thus required-
stronger & robust cases
Guaiacum - cases of
Illegitimate children
are thus better treated -
Same as where blood-
letting is so good &
Pleasure -
Nervous convulsions
It is of first importance
to relieve blood pressure
& Aconite takes
place of blood-letting

in robust- strong people -
especially pneumonia
doses not less MXX-XXV
1 hourly every 1 or ½ hr -
pulse bounds bounds to
30-35- gastric disturb-
bance- flatulence - can
use Leadamed tinct
MXX to control gastric
disturbance every ½ hr
Mania a potu with flush-
ed face quick full pulse
will delirium - danger -
rous - tinct veratrum
MV every ½ hr clonal
rats badly hurry - Rounds
are two hourly - In
broken down people
veratrum is not to be em-
ployed
Camphor is an irritant
Spirits of gum - gastro -

intestinal poison —
When absorbed causes
Systemic effects —
Mild stimulant to circ —
ulation — gentle & rather
Lasted stimulant —
Effects through central
nervous system in —
to xication — Mild Ephie —
ration — Soon passes —
no disagreeable after
effect — Slight diuretic
& peristaltic & antise —
tic — Large doses use —
ally produced nausea
bad effects — Spts ou
pungent or sum mu
pillsare best — Fu —
flatulence camphor.
& aromatics are use
ful best — Acute Catarrh

Check excessive secretion
of Salivation such
as Pernicious Anemia Cholera
Fever Uremia Starvation
Exhaustion Diarrhoea
water Brash Pyrosis
Flux - Ante. Pyrosis
not so good as Bromide
can combine the 2 -
Gtt x - x 2 or 3 times day
Is stimulant & Sulphuric
ted by alcoholics - when taken
Internally does not
disagreeable taste - Im-
proves the taste - Di-
creases after taste - Diges-
tion in Slight - very Slight
doses - Eliminated Principal
ipally by Respiratory
mucous membranes
combined with mu-
cous - for Chronic Stomach

Nervous, hysterical
women good-gala-
tin coated pill 2 to get
rid of odor. 3 - 4 times
women at change of
life & girls at puber-
ty to relieve nervous-
ness - thus produces
sleep by relieving
nervousness - chr-
fried almost to
chronic bronchitis -
Valerian (Fl. Ext)
equibles - odor objec-
tion - In large doses
nausea vomiting -
calms nervous sys-
tem - used same as
asafoetida. t generally

Preferred
Rx
Fld Ext. Val
Spt. Comp Law

Sig - Sinus tell re-
guided effect -
Muscle - hard to get
type - expensive -
Effects annular type
Edible than the former
Loaf r - x Every
- 3 hrs - Hiccough
Nervousness, hyst
Neuro epilepsy - hos-
pices elbow foe -
Common general
disease foot
Castor similar to
hardly ever used

Alcohol. absolute
98½ 99 pure alcohol
rarely used in med-
icine but is used to make
the other alcohols.
after the process of
distillation & purifi-
cation has been gone
through with - can
destroy tissue &
produce nausea - vom-
iting & diarrhoea -
coagulation of albu-
enous myeloplasm -
great affinity for
water - thereby &
feets - antiseptic
used as surgical
dressing for stump -

lent and antiseptic
in open wounds — Im-
brandy two tea spoons
3-3- to a pint of absolute
alcohol — Port 2 3 —
Madeira sherry 1 &
17-21- Moselle clar-
et, burgundy champ-
agne 10-11- Light
champagne 5- Beers
lights 2 - 2½ - Ale 1 .
Porter stout 3-9-
2 soy difficultly- acted
on readily by Bact-
eria so as to give
rise to various de-
rivatives - aldehyde
then finally changed
into water & CO2
eliminated by kidneys

lungs + skin - In
3rd every 2 has is
entirely destroyed
in system - Retards
in those leaves re-
to grade metamor-
phosis the O in-
stead of burning
which does - attacks
the alcohol of tissues
are left to themselves
This alcoholic fat
is more readily con-
sumed than ordinary
fat. Patient is
subjected to strains
of any kind - is not
really a nervestrain

ulant but is a narcotic
In effects involving
the circulation it does
stimulate but when we
wish to purge out some
abstruse problem it
acts otherwise - Is a
heart stimulant - Keeps
up - increase in temp-
through vasa - motor -
acts differently in di-
gestive - tolerates acts
as a diuretic - pre-
vents general mar-
cotic effect - express
same effect - 3ss - 3iss
in 24 hrs - improved
digestion - regulates
bowels - quieting
nervous system
overcome narcotic Ef

feet of alcohol - general
[illegible] of movement
of constitution - only
to be used in [illegible]
people - such a one
if in one dose of 3ss -
it increases respi-
ration - stupefa
tion - brain as far
as indagation is
conceided, but work-
ing powers co-ordi-
nation + sensation
affected - similar
to opium - Incap-
ces long - like
opium + apoplexy
from meningeal
apoplexy - Resent

observation. Shows
pupil as guide - al-
though dorsa pupil
responds - iris ophthal-
pupil stationary - opium
look to restriction also
mania - pottis is hy-
pnosed. in robust peo-
ple who have just
commenced to drink -
stimuli - delirium tre-
mens as stimuli - former
calls for gesture, latter
for suggesting treat-
ment - volcur Arsenic
takes for long time
in moderate quan-
tity - do not readily
commender to use in
fluence pleasure per-
turbations tho stimulants

No lavaging ex-
cept in pyloric stric-
ture or pyloric
stenosis. 2- Three
times a day mucous
menbranes, sele-
rosis of stomach -
Sensis. Dangers of
muscle. Diagnose
of gastric - increase
of mucous secretion
which latter is ex-
pecially active in
producing fermen-
tative changes —
Sweet - sour odors
in vomited matter
at - tubules first -

the lobules themselves are affected —

Use of in overdose very speedy paralysis of central nervous system — first delirium then coma stimulates heart at first then paralyzes — profuse perspiration — lungs almost unchanged directly to liver — Liver necessary to digestion & assimilation — Delirium tremens in persons long queer to drink — but Lungs or after a more free use than usual Lungs — ing nervous symptoms — Gastric Congestion for food — Rarely

creased irritability
& disappearance of cells
& gray matter & increase
& connective tissue -
& paralysis of membranes
arachnoid - especi-
ally - insane asy-
lum - probable termina-
tion - rupture of
a corpus of Fallopian
tube - Fallopian tube
& corpus atrophied
or congestion & pro-
Evacuate stomach
irritate nose by am-
monia fumes & the
skin - Ammon Aromat
cold water &c -

Phosphorus as a nerve tonic very good—
To obtain the bromid chloral — Disorders of alimentary canal by old coffee-aleohol acts not fully as digestive / stimulant but also mild circulatory stimulant —
Rx Pure Whiskey 3oz
Seltzer Glass.
In summer complaint of children — in fact all summer conditions — alcohol with cod liver oil + phosphates — Small amount of brandy

because of its astringency - ℞ ✗✗ - ✗✗✗ with Aqua - 3 - ℔ 3 - times a day - when decided ℔ stration in larger doses at shorter intervals - Gastric irritation nausea & vomiting - Mint julep - Sedative - Whiskey & mint sugar - lots of ice - ℞ ℥ - ℥ii - Dissolve gelatin & pour over beat, for glucose gelatin & drumhead Mix & water & pour

of Powder's before meals
Brandy or whiskey
toddy for sleeplessness over-worked
people - remember
there may be slight
catarrh of stomach in
morning - Chronic
bronchitis of people
porter at night a
good hypnotic - Car-
diac failure - Pour
Cross Blood or Stock -
from acute diseases -
from serious loss or
by first dam tablets
of alcohol - 3ii - 3iii OT
every three hours
in 24 hrs feel your
way however - from

poisoning give it
by hodermically
3 t in digitalis - lupus -
Lie acid 4c mixt at
three at various
points — acts two
moreas a cardiac
stimulant than when
given by mouth -
In acute disease yr
first stage before heart
is weakened alcohol good as
gets here to stimulate
flagging powers of de-
fection - 3i - 4i Gum -
dy with milk + eggs
every 3 — 4 hrs — In
2nd stage when
heart is weakened
it stimulates heart +

gives something for
increased quantity of
oi to act upon the
saving tissues of body
which thus depresses/
tonic - settle quantity
for each individual 1/
3 t every hr - water ef-
fect - Do this for 3 hr
4 hrs - refreshing
sleep - clearing of tongue
depression of delirium
4c - now give 3ss
Every 2 hrs - give
Tincture of tongue &
return of delirium
te we have used
our remedy two tea-
3 VIII - 4 II can be ta-
ken in 24 hrs as rule

This amount does
not bring about de-
sired effects fa-
tient is not going
to respond well to
alcohol we must
now look to digi-
talis & Veratrum
use alcohol to de-
press temp- alone-
heart nervous
system and our
guides — Exhaustion
from long continu-
ed disease alcohol
is good - 3 - T. adam
2 - T - slow tremulous
pulse memoria - ed

same in phthisis — only
difficulty is alcoholic
habit —



THE COUNTRY DOCTOR MUSEUM

In Memorium of:

Dr. H. B. Haywood

Practice: Raleigh, N. C.

Dates: _____

Presented by:

Mrs. Betsey John Haywood

West

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