

**ON SYPHONAGE AND
HYDRAULIC PRESSURE
IN THE LARGE INTESTINE**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649355594

On Syphonage and Hydraulic Pressure in the Large Intestine by Ralph Winnington Leftwich

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd.
Cover @ 2017

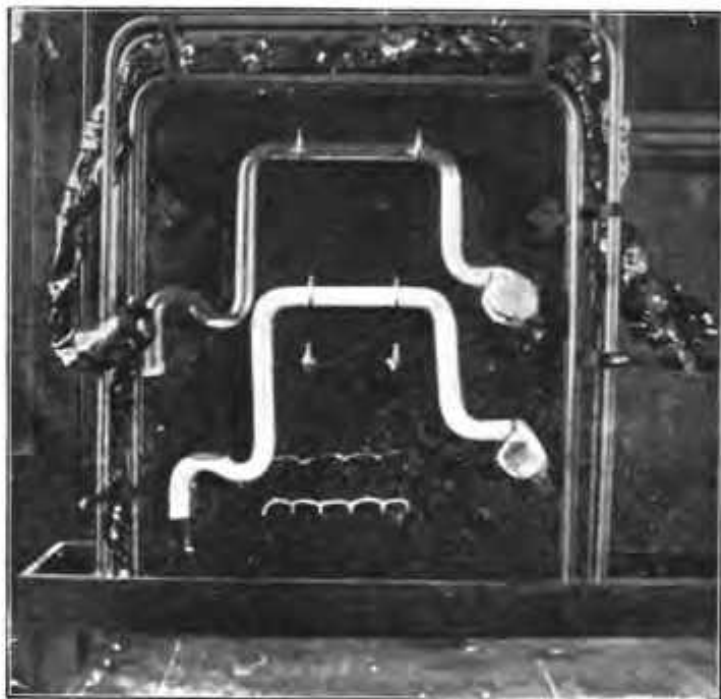
This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

RALPH WINNINGTON LEFTWICH

**ON SYPHONAGE AND
HYDRAULIC PRESSURE
IN THE LARGE INTESTINE**

**ON SYPHONAGE
AND HYDRAULIC PRESSURE
IN THE
LARGE INTESTINE**



SYPHON I. represents the rectum empty and the caecum full.

SYPHON II. represents the full rectum and the vacuum in the caecum.

The white lines on the screen show the deepening of the saccular ridges produced by tonic contraction of the longitudinal bands.

The framework supports a dried large intestine.

ON SYPHONAGE
AND HYDRAULIC PRESSURE
IN THE
LARGE INTESTINE

WITH THEIR BEARING UPON THE TREATMENT
OF CONSTIPATION, APPENDICITIS, ETC.

BY

RALPH WINNINGTON LEFTWICH, M.D.

LATE ASSISTANT PHYSICIAN TO THE EAST LONDON
CHILDREN'S HOSPITAL

AUTHOR OF "AN INDEX OF SYMPTOMS,"

ETC.

NEW YORK
WILLIAM WOOD & COMPANY

1903

✓ 10071

All rights reserved

Printed by BALLANTYNE, HANSON & Co.
London & Edinburgh

K- N 30 13

L 4

1867

L 13

PREFACE

THE author's attention has been specially drawn to the large intestine for some years; but the idea of a syphon only dates from last autumn. He contributed an article on this subject to the December number of the *Edinburgh Medical Journal* and, during the same month, this was published as a reprint together with some supplementary notes in which he sought to prove that the longitudinal bands are in a state of tonic contraction. This has been now confirmed by observation. The views given have excited wide-spread interest, and as the brochure is no longer procurable

M371900

the present work has been designed to take its place in a more ample manner.

In modern times but little attention has been given to the generalisation and co-ordination of observations bearing upon the science and practice of medicine; yet the want of such co-ordination is a serious menace to the future. Already there is so much to be learnt that the choice seems to lie between the necessarily imperfect knowledge of the man who takes the whole domain for his sphere of action and that of the specialist who, comparatively regardless of the inter-dependence of organs, confines his labours and his knowledge of advances to a part. The tendency of the future will be to divide and sub-divide these specialties, and the time will come when the possession of a grasp of the whole subject will be impossible. The arts

PREFACE

9

of general diagnosis and of prognosis will wane, and, the pendulum swinging back to empiricism, the quack will attain his apotheosis.

The only remedy for the increasingly crushing burden upon the memory is the cultivation of the Darwinian faculty of generalisation, and it is the author's hope that he has made a modest advance in this direction.

R. W. L.

32 BUCKINGHAM GATE, S.W.

May 1903