

**ILLUSTRATED
LECTURES ON
AMBULANCE WORK**

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Illustrated Lectures on Ambulance Work by R. Lawton Roberts

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BY
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ETC.



London

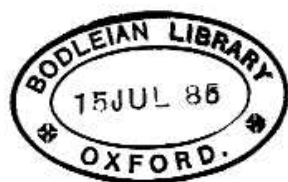
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1885

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TO
SAMUEL NOBLE BRUCE, Esq., M.R.C.S.,

THIS LITTLE BOOK IS DEDICATED
AS A TRIBUTE OF LONG PERSONAL FRIENDSHIP,
AND IN REMEMBRANCE OF MANY VALUABLE SERVICES AND
MUCH KINDNESS RECEIVED,

BY
THE AUTHOR.

PREFACE.

THESE lectures were originally delivered to ambulance classes held in connection with the Wynnstay Colliery, the New British Ironworks, and the Plaskynaston Colliery.

The members of these classes consisted chiefly of colliers, furnace-men, fitters, carpenters, blacksmiths, puddlers, brickmakers, and other representatives of the working portion of the population; and, like their brother workmen in other parts of Britain, they showed great eagerness and displayed remarkable aptitude in the pursuit of their ambulance studies.

It is with pleasure, therefore, that—in compliance with the request of several of my enthusiastic (and, I may add, uniformly successful) pupils—I have written out my lectures for publication; and, with the view of rendering them more interesting and intelligible, I have endeavoured to provide suitable diagrams illustrative of some of the more important points.

I have been fortunate enough to obtain (with the permission of Messrs. Sampson Low and Co.) the use of, amongst other illustrations, twenty-six admirable woodcuts—showing the methods of applying the triangular bandage, arresting hæmorrhage, and giving first aid in cases of fracture—from Professor Esmarch's¹ celebrated work on *The Treatment of Wounded in War*.

The rules given, in the fifth lecture, for the safe conveyance of the sick and injured on stretchers; the methods of making two-handed, three-handed, and four-handed seats; and (with few exceptions) the plans for giving assistance by means of only one helper, are those laid down by Deputy Inspector-General T. Longmore, C.B., in his exhaustive *Treatise on the Transport of Sick and Wounded Troops*.

The four stretcher exercises or drills detailed in the final lecture are those arranged and advocated by the St. John Ambulance Association: and I am much indebted to Mr. John Furley, of the Ambulance Association; to the Manager of the Lowmoor Ironworks; and particularly to Mr. S. C. Wardell, of the Babbington Coal Company, for special information relative to wheeled stretchers, the Lowmoor Jacket, and the Tibshelf Ambulance Tram.

¹ Professor of Surgery to the University of Kiel, and Surgeon-General to the Prussian Army.