

2-452280

696

6475

IRON LUNG

Title 7

Super Chicago.

- 1. C/V MAN IN LUNG OUT OF HOSPITAL 9
- 2. L/V AMBULANCE TOWARDS 5
- 3. TRAVEL SHOT AMBULANCE 6

P A D E

- 4. L/V PUTTING WOMEN INTO LUNG 9
- 5. C/U HEAD INTO POSITION 6
- 6. S/V CLOSING LUNG 3
- 7. ANGLE " " 6
- 8. L/V SWITCH ON 7
- 9. C/U BELLOWS 5
- 10. S/V GIRL IN LUNG 6
- 11. C/U " " " 9

P A T E

- 12. L/V LUNG FROM AMBULANCE TO TRAIN 12
- 13. C/U NAM ON TRAIN 5
- 14. L/V PRESS BOYS 5
- 15. C/U BOY IN TRAIN 6 LIBR.
- 16. S/V MOTHER & FATHER ON TRAIN 8

LENGTH WITH TITLE...111 feet.

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Issue 696

2-PS2280

For Paramount News reels.

Personnages : A physician or two; 2 nurses; a patient.

Physicians: Doctor Gros
Doctor Ard?

Nurses: Miss Egger
Miss Gemen?

Patient: Mrs Bonin

- 1) Doctor Gros explains the mechanism and utility of the iron lung.
- 2) A few words on the patient suffering from infantile paralysis against which very modern means of treatment have been applied. Nevertheless, develops progressive paralysis of the respiratory muscles through invasion of the respiratory centers of the brain by the virus.
- 3) Patient is wheeled in looking quite anguished, with a difficulty of breathing and fear written on her face. Is rapidly placed on the Drinker Reppirator which is screwed up and the motor started. The agony on her face disappears as the artificial respiration is started. A nurse is near her head, gives her something to drink; another one has a hand through the opening of the respirator and takes her pulse.
- 4) Remarks are made that the patient is much relieved, no one can tell how long she will have to live in her artificial home; it may take weeks or months before the respiratory muscles regain their normal functions.

6500.

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DRINKER RESPIRATOR

Many are the patients who owe their life to this strange machinery named by the public : Iron Lung - but known among scientifics under the name of its inventor: Drinker Respirator. By an ingenious mechanism, this machine replaces respiratory muscles when they are paralysed by the virus of poliomyelite, or other accidental causes: drownings, poisoning by gaz or soporifics.

In America where the infantile paralysis is very frequent, several hundreds of human lives have been saved.

In France, this terrible illness is quite rare, nevertheless, there are sometimes cases where artificial breathing is the only way to save life.

We are citing the example of a young girl who was brought to the American Hospital with an anterior poliomyelite; in spite of all treatments and injections of serum, the respiratory muscles started to be paralysed. Every day, we found that the ribs rose less and less at the breathing and , finally, stop, and after that, it was the turn of the abdominal muscles, the virus of the paralysis having touched the bulb of the brain and the respiratory centre. Without this machinery the patient was certainly going to die.

As a demonstration you will assist to an introduction of the patient in the IronLung. Note the expression to agony that changes as soon as the motor starts, rising and comprising the thorax at a rythm of 20 to 30 a minute; it is alike to the respiratory movement.

It is impossible to say how long this patient must remain there, some weeks or months. In America, some patients have lived in it a year, and after they were able to breath again. These recoveries are quite miracles.