Design and Application of a Customized Auricular Acupoint Treatment Kit (Postprint)

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Abstract

This paper introduces the design and application of a specialized tool bag for auricular therapy. The bag maximizes space utilization, enables separate storage of various tools required for auricular therapy, facilitates easy access, reduces time costs, and enhances work efficiency.

Full Text

Preamble

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Title

Design and Application of a Special Auricular Acupoint Treatment Tool Bag

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Abstract

This article introduces a specially designed tool bag for auricular acupoint therapy. The bag maximizes space utilization, allows separate storage of various tools required for auricular therapy, and facilitates easy access, thereby reducing time costs and improving work efficiency. It is worthy of clinical application.

KEY WORDS: auricular acupoint treatment; nursing quality; thumb-tack needle

Introduction

Auricular therapy offers preventive, therapeutic, rehabilitative, and health-promoting functions applicable to a wide range of diseases across internal medicine, surgery, gynecology, pediatrics, and ENT specialties, including insomnia [ ], hypertension [ ], headache [ ], rhinitis [ ], among others. Clinical auricular therapy requires numerous tools and supplies. Traditional storage methods place all tools together in a single container without designated positions, making them difficult to locate and time-consuming to retrieve. While some tool bags feature compartments, they lack sufficient variety to accommodate all necessary tool types. Furthermore, extracted tools such as hemostats and probes have no dedicated placement area, often resulting in loss, damage, or contamination. To effectively address these issues and enhance nursing quality, our hospital has designed a special auricular acupoint treatment tool bag (Patent No.:), which we report herein.

1. Materials and Production

The special auricular acupoint treatment tool bag features a rectangular structure. A support surface is vertically installed on the side edge of the base, connecting with the cover and one long edge of the base to form a cavity. Within this cavity, the support surface contains designated pockets for blood lancets, thumb-tack needles, cotton balls, cotton pads, guasha boards, cotton swabs, ear point patches, hemostats, probes, guasha oil bottles, and alcohol bottles. The inner surface of the cover can serve as a temporary workbench for placing blood lancets, thumb-tack needles, cotton balls, guasha boards, guasha oil, cotton pads, ear point patches, cotton swabs, alcohol, probes, hemostats, and other tools, and can be disinfected with alcohol spray after use for clinical convenience. Additionally, two rows of slots are installed at the end of the cover farthest from the base, accommodating removable basins whose rims rest on the slot edges. One row of slots opens adjacent to the upper ends of the guasha board and cotton swab pockets, while the other row opens near the blood lancet and thumb-tack needle pockets, both suitable for storing temporary items. See figures for details.

2. Discussion

The special auricular acupoint treatment tool bag offers convenient access and meets the operational requirements of auricular therapy by enabling separate storage of blood lancets, thumb-tack needles, cotton balls, guasha boards, guasha oil, cotton pads, ear point patches, cotton swabs, alcohol, probes, hemostats, and other instruments. Moreover, the integrated slots provide storage for temporary items, facilitating clinical procedures. The application of this tool bag enhances work efficiency and reduces time costs. Its flexible design ensures orderly arrangement of all items, significantly saving time previously spent searching for tools during busy clinical work. The tool bag's multi-functional design improves space utilization. When opened, it functions as a compact tool bag with a small footprint yet comprehensive tool placement, enabling simple and convenient operation. When closed, the slots on the cover compress the internal tool pockets, preventing item disarray when the bag is inverted, and the cover section between the slots and base can serve as a workbench for temporarily placing thumb-tack needles, probes, and other tools.

In summary, the special auricular acupoint treatment tool bag overcomes the limitations of traditional auricular tool bags regarding inconvenient access. It not only satisfies clinical operational needs for auricular therapy but also saves time, improves work efficiency, and provides convenience for clinical practice, demonstrating significant clinical practical value.

Conflict of Interest Statement: The authors declare no conflicts of interest.

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Figures

Figure 1 [**Figure 1: see original paper**] The special auricular acupoint treatment tool bag with cover opened.
Component labels: . Blood lancet pocket; . Guasha board pocket; . Ear point patch pocket; . Thumb-tack needle pocket; . Cotton swab pocket; . Cotton ball pocket; . Cotton pad pocket; . Guasha oil bottle pocket; . Alcohol bottle pocket; . Hemostat pocket; . Probe pocket; . Cover; . Support surface; . Base; . Two rows of slots.

Figure 2 [**Figure 2: see original paper**] The special auricular acupoint treatment tool bag with cover closed.

Note: Figure translations are in progress. See original paper for figures.