RETHERK THE CLINICAL SPACE.
At the core of Midmark is a new way of thinking about caregiver-patient interaction and the delivery of efficient patient care. We are working with you to redefine the future of the clinical space – from the examination room to the procedure room – providing the tools you need to rethink and redefine your workflow. With a wealth of products and solutions that work together, we are your trusted source for healthcare environment solutions.
Healthcare and its delivery systems are changing. Innovations in patient care and healthcare information technology are emerging. Yet, many of today’s healthcare environments were designed decades ago. For these facilities, change is overdue.

As we look to the future, there is much to consider in the way of facility design, workflow, access, comfort, the flow of information and the caregiver-patient relationship. Growth and change are inevitable, and healthcare environments must be flexible to adapt to the integration of new technologies, information systems and healthcare protocols. Now is the time to rethink and redefine workflow. This guide contains the tools and solutions to consider when creating clinical work environments to effectively advance patient care and office efficiency.

HEALTHCARE IS BEING REDEFINED.

Collaboration among care providers means improved workflow and more efficient care.

engaged patients
digital device workflow
improved clinical outcomes
intuitive EMR

patient satisfaction

time and cost savings

right place, right stuff, right time

access data at the point of care

hospital acquired conditions

RETHINK
THE
WORKFLOW

hospital acquired conditions

ADA law changes

reimbursement and regulatory
Some of the leading factors to consider in today’s exam room design are improving patient care, accessibility, efficiency and workflow. This exam room provides the foundation for a basic caregiver-patient workflow, with separate zones for patient interviews and exams, and the option for additional privacy with public/private zones. While this traditional setup allows for immediate patient care, historical patient data and any additional medical data that supports patient care is not immediately available in the room, so caregivers must leave the room to retrieve this information.

TRADITIONAL EXAM ROOM WORKFLOW A

For better access to the patient, the examination table is positioned at an angle, providing access from three sides. The exam room is organized into four zones, including entry, patient care, family/visitor and organized storage with an integrated sink.

A lowered writing surface is adjacent to the storage zone, as is a chair for the initial patient interview. The overall room size is 10 ft. x 10 ft. with the entry door reverse-hinged for patient privacy.

Traditional Workflow
Patient care is divided into separate zones for the patient interview and patient exam area. While the traditional exam room supports immediate patient care, many times historic patient data and additional medical data that support patient care are retrieved from outside the exam room.

Public/Private Zones
This setup provides a public zone with side chairs to seat family/visitors, as well as a dressing nook for patients. The patient care zone, also known as the private zone, allows access to equipment and supplies. Space is provided for the initial patient interview, including a work surface to review paper records.

While my practice is evolving, I need to remember that healthcare really takes place at the point of care with my patients.
Family/visitor zone

caregiver often required to leave the room for additional patient data and supplies

dressing nook for patient privacy

biohazard waste placed out of traffic flow

fixed table height doesn’t allow proper foot support for all patients

paper management
The computer work zone consists of a work surface with adjacent seating for the patient. The work zone is located just inside the exam room for separation between the family/visitor and the exam zones. Including the computer allows access to past patient medical records and the entry of new data as part of the interaction with the patient. This exam room supports barrier-free access for patients, including wheelchair accessibility with a central turning diameter of 60 inches. The overall room size is 10 ft. x 10 ft., based on the guidelines of the Americans with Disabilities Act (ADA).

The Barrier-Free® exam table is designed to provide optimal patient comfort and positioning during exams, while supporting improved working postures for the caregiver as part of the patient interaction. This barrier-free design is intended to reduce fatigue in the short term and also the risk of caregiver injury.

New technologies are a major component of twenty-first century healthcare. The integration of electronic medical records (EMR) and computers into the exam room will help, not hinder, caregiver-patient interaction, keeping patients informed and engaged. This layout builds on the traditional exam room with the integration of EMR for real-time access to patient histories and diagnostic data at the point of care. The patient is seated adjacent to the computer, then moved to the Barrier-Free® accessible exam table. This exam room supports barrier-free access for patients, including wheelchair accessibility with a central turning diameter of 60 inches. The overall room size is 10 ft. x 10 ft., based on the guidelines of the Americans with Disabilities Act (ADA).

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Family/visitor zone

Direct eye contact

Flat table access at lowest position

Low table height to keep feet on the floor

Computer in room
Mobile workstations for EMR access and/or diagnostics create a flexible workspace around the care zone. The workstations are always within arm’s reach, decreasing the caregiver’s need to move within the space and maximizing engagement with the patient. All medical data is accessible at the point of care and can be shared or kept discrete.

A distinct family/visitor zone with an adjacent dressing nook is incorporated without interfering with the care zone. Additional storage for instruments and supplies is provided away from the family/visitor zone. The exam room size is 10 ft. x 10 ft., providing ample access to the Barrier-Free® exam table.

Safety and efficiency in patient care are paramount in an effective exam room design – and they are the focal points of this workflow layout. Seating the patient on the Barrier-Free® exam table throughout the visit assists caregivers in reducing the time needed for patient positioning and maximizes efficiency for both the physician and caregiver. Mobile workstations surrounding the exam table offer added control and flexibility to adjust to the point of care.

SAFE PATIENT CARE AND FLEXIBILITY WORKFLOW C

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Safe Patient Care
The patient is seated on the Barrier-Free® exam table throughout the visit. There are no delays due to transferring the patient from other areas in the room.

The digital care and physical care interfaces are within the same zone. The movement of the physician is minimized, and constant contact with the patient can be maintained.

Combined Work Zones with Mobile Diagnostics
A mobile diagnostics cart is used during the exam and can be shared between exam rooms, reducing equipment cost and providing flexibility.

Another mobile cart positions the computer/EMR next to the patient to maintain eye contact at all times and to create an adjustable care zone around the patient.

I’m more efficient when I have digital data and diagnostics at the point of care
Family/visitor zone

Direct eye contact

Additional storage

Computer workstation at the point of care

Mobile digital diagnostics
This innovative workflow design provides clear separation between the care zone for caregiver interaction and the family/visitor zone with guest seating. This design features a full-function Barrier-Free® exam table with integrated scale and EMR connectivity created for added efficiency and ease of patient handling. The computer workstation is located adjacent to the Barrier-Free® exam table for optimal access of digital data at the point of care. In addition, supply storage is placed within arm’s reach with a mobile cart unit for easily accessed supplies.

**EFFICIENT PATIENT CARE WITH DEDICATED ZONES WORKFLOW D**

This design establishes two distinct zones: the care zone and the family/visitor zone. The family/visitor zone is easily accessible from the entry, provides guest seating, and includes a dressing nook.

The integrated scale is designed to streamline workflow and free up space without the need for a floor scale in the room. It also decreases the need for manually lifting and repositioning patients.

A dedicated computer workstation provides the caregiver with all necessary information and supports flexibility between unobstructed access to the patient as well as digital data.

The mobile instrument and supply cart also improves the flow of the workspace around the care zone. This workflow decreases the need for the caregiver to move within the space, allowing for maximum engagement with the patient.

All medical data is accessible to the caregiver at the point of care and can be kept discrete or shared.

Storage and organization of instruments and supplies are designed for accessibility and separation from the public zone. The exam room size is 10 ft. x 10 ft.

### Public/Private Zones

The family/visitor zone, also known as the public zone, is easily accessible from the entrance and includes seating as well as a dressing nook for the patient. It provides privacy, but does not infringe on the efficiency of the care zone, also known as the private zone.

### Efficient Care Zone

Because the patient is seated on the Barrier-Free® exam table throughout the visit, there is no delay due to transfer or repositioning. Flexibility and proximity help increase the efficiency of the caregiver, reducing the need to move away from the patient to retrieve instruments and/or supplies.

### Supply Proximity

A mobile supply cart with well-organized drawers can be retrieved from a dock in the adjacent cabinet to be in close proximity to patient care. The supply cart also provides an additional work surface, positioned left or right of the caregiver.

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In collaboration with leading architectural firm NBBJ, Midmark highlights key design concepts for a dual access exam room.

Two doors – one for patient entry and one for caregiver entry – enable safe, clear patient navigation away from clinical clutter.

The 10 ft. x 12 ft. exam room has a distinct separation of care zone and patient consultation zone. With separate doors and defined areas, patients self-room through a clearly marked way-finding system without having to move through any of the care zones.

The layout of the care zone is focused on efficiency at the point of care. The consultation zone is easily accessible from the patient entry surface and a large display to review educational information is provided line of sight to all exam rooms for better low flow management – eliminating waste and maximizing value. The workflow also allows for providers integration easy transitions in and out of rooms as needed.

The care team work area provides line of sight to all exam rooms and a large display to view patient-related and educational information. The display is large enough to review patient information during the care exchange.

Lockable sliding doors from the patient and caregiver areas maximize floorspace and allow for easy transitions in and out of the room. The caregiver door can be covered by a curtain from the inside for additional privacy.

Workflow and patient flow is further enhanced by a mobile supply cart that can be pulled in and out of rooms as needed, eliminating fixed elements in the room and enabling integration of new technologies.

Workflow and patient flow is further enhanced with one stop for patient weight and vitals readings. By including printers in exam rooms, additional time is saved.

In collaboration with leading Architectural firm NBBJ, Midmark highlights key design concepts for a dual access exam room.
consultation zone

patient/family access

sliding door

privacy curtain

care team work area

efficient care
Divided into two distinct zones, this 12 ft. x 12 ft. exam room has the typical care zone, but offers a dedicated consultation zone. This consultation zone enables the caregiver, patient and family/visitor to review critical information and data for continuous care.

An interactive display, which can be viewed jointly with the patient, helps to recall information, review current health status and develop therapies or schedules for medications, callback and/or feedback options.

The flexible care zone includes a table-mounted computer work surface that raises and lowers with the table. It supports optimum access and posture for the caregiver.

All essential data and information is accessible to the physician within the exam room.

Today's successful patient care extends far beyond the office door. Exam room design must be more flexible and functional – and provide the means for ongoing monitoring of patients in addition to scheduled office visits. This design features a designated consultation zone that gives physicians the power to stay in contact with caregivers and to monitor the patient’s health more closely. Remote diagnostic tools provide a means of feedback and ongoing monitoring, supporting the continuous patient care relationship.

CONTINUOUS CARE AND CHRONIC DISEASE MANAGEMENT WORKFLOW

Flexible Care Zone
The care zone is designed with efficiencies for left- or right-sided access and the ability to access instruments and supplies at the point of care.

Flexibility and proximity are the most important elements for increasing the efficiency of the caregiver and reducing the need to move away from the patient to retrieve instruments and/or supplies.

Consultation Zone
The consultation zone is designed around a shared interactive display monitor for the caregiver and patient. It allows the caregiver to review medical records and educational materials, as well as set schedules for medications, reinforcing a long-term care relationship.

e-Visits
Communication is focused on engaging the patient beyond the actual visit by using online tools through reminders, educational materials and means of feedback to monitor progress.

For maximum efficiency, the caregiver may use this consultation zone between face-to-face visits and utilize fewer exam rooms.

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The procedure room is based on a 14 ft. x 14 ft. space, with a storage system occupying one wall. The storage zone includes a work surface area, lower and upper cabinets, and tall cabinets to store larger devices. For additional flexibility, mobile supply carts can be moved in close proximity to the procedure table for easier access.

A wireless foot control reduces cord clutter and trip hazards around the procedure table, especially important when dealing with sedated patients.

A ceiling-mounted procedure light is installed above the procedure table and provides optimum visual clarity during the procedure.

The number of procedures performed in outpatient settings is rapidly increasing thanks to advancements in anesthesia and innovations in surgical techniques. In order to meet patient demands and to control healthcare costs, this trend will continue. This procedure room was designed to support this dynamic and includes all of the features required to complete procedures in an office setting. Well-organized storage conceals instruments and supplies. The procedure table is positioned close enough to the casework countertop so supplies are within easy reach of the caregiver.

Most importantly, the unlimited adjustability of the procedure table as compared to an exam table enables the caregiver to position the patient while providing an ergonomically correct posture throughout the procedure.

A wireless foot control reduces cord clutter and trip hazards around the procedure table, especially important when dealing with sedated patients.

A ceiling-mounted procedure light is installed above the procedure table and provides optimum visual clarity during the procedure.

Procedure Centered
Once the patient is positioned on the table, the procedure zone is designed to support the caregivers. Mobile carts and mobile work surfaces that are part of the storage system create the most efficient procedure zone, avoiding excessive clutter before, during and after the procedure, keeping the patient calm and relaxed.

Procedure Zone Efficiency
The procedure zone is designed around the caregivers, giving access to the patient, work surface and supply drawers. The rotation of the procedure table brings the patient to the physician for best access.

Enhanced Ergonomics
Barrier-free access, eight-way adjustment, pre-programmed positioning and a large range of motion are key features designed to allow optimum positioning of the patient. Better positioning of the patient improves care access and ergonomic posture for the caregiver, while avoiding undue strain and fatigue.

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efficient procedure zone

accessible storage

large equipment storage

mobile workstation

efficient procedure zone

table rotation provides enhanced

wireless controls

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The dermatology room is a 12 ft. x 14 ft. space with a storage system occupying one wall. The consultation and family/visitor zone is created through an extended work surface as support for a large interactive display panel that can be shared between physician and patient.

The storage zone includes a work surface area, lower and upper cabinets, and mobile supply carts for additional flexibility.

The adjustability and rotation of the procedure table will bring the patient to the caregiver, optimizing the efficiency of access to the patient and reach to instruments and supplies.

Most importantly, ease of adjustability of the procedure table allows the caregiver to optimize the position of the patient – creating options that would not be possible with a typical exam table.

A ceiling-mounted procedure light is installed above the procedure table and provides optimum visual clarity during the procedure.

The practice of dermatology is evolving with the integration of new technologies, high-powered lasers and more complex outpatient procedures. In order to meet these evolving needs, Midmark has reengineered the concept of the dermatology room to combine consultation, counseling and procedures all within a seamlessly efficient yet warm, inviting atmosphere designed to enhance the caregiver-patient relationship.
The podiatry room is a 10 ft. x 12 ft. space with storage and supplies occupying the walls away from the family/visitor zone.

The storage zone includes a fixed work surface area, a pull-out work surface section, lower and upper cabinets and mobile supply carts for additional flexibility.

All primary instruments and supplies are part of the mobile cart unit and can be flexibly located.

The podiatry chair is positioned at an angle, which provides more effortless access to the foot area – whether in a seated or standing position. The room also provides an abundance of streamlined, well-organized storage.

The procedure chair is easily accessible to the patient and conveys comfort. Ample clearance is provided for the caregiver to have access to the foot section from three sides. This access includes the swing arm instrument tray, which brings supplies to the point of care.

Most importantly, the ease of adjustability of the procedure table at the point of care lets the caregiver optimize the position of the patient. A wireless foot control avoids cord clutter around the procedure chair and prevents trip hazards.

**Procedure Zone Flexibility**

The procedure zone puts the caregiver in the center. While the cart for primary instruments and supplies can be adjacent to the storage system along the wall, during procedures it is moved to either side of the caregiver. This helps to maintain a short reach zone.

An instrument tray attached to the procedure chair supports instruments and supplies or EMR devices.

**Public/Private Zones**

The family/visitor zone, also known as the public zone, does not encroach on the movement of the caregiver. It includes displays for educational brochures and related care products and is clearly separated from the procedure zone.

The integration of new technologies and advancements with in-office procedures are shaping the future of the podiatry practice. Functionality, efficiency and versatility are key to an effective podiatry room design – and at the center of it all is the procedure zone. The design of this workflow addresses the many needs of the procedure zone.
procedure zone flexibility

supplies at the point of care

mobile supply cart

controls are easy to adjust and clean
Midmark, the most trusted name in medical healthcare equipment, offers solutions that have become the industry standard in medical practices of all sizes, designed to improve caregiver-patient interaction as well as safety, efficiency and profitability. Our complete line of innovative medical equipment includes Barrier-Free® procedures and examination tables, diagnostic and software solutions, mobile workstations, sterilizers, casework, lighting and seating.
Workflow A
Flooring: Armstrong® 12" x 12" SEI tile 51915 Charcoal
Upholstery: Black Seamless (312)
Countertop: Laminate Smokey Topaz (445)
Cabinets: Fusion Maple (413)

Workflow B
Flooring: Armstrong® 12" x 12" VCT tile 57211 Mezzo Green
Upholstery: Moss (236)
Countertop: Laminate Green Tigris (488)-40
Cabinets: Honey Maple (415)

Workflow C
Flooring: Armstrong® 12" x 12" EGE3206 Dark Wood
Upholstery: Ultra-Pacific (241)
Countertop: Corian Granola (494)
Cabinets: Crossfire Java (420)

Workflow D
Flooring: Armstrong® 12" x 12" SEI tile 51933
Upholstery: Black Seamless (312)
Countertop: Corian Earth (487)
Cabinets: Wild Cherry (417)

Workflow E
Flooring: Armstrong® 12" x 12" SEI tile 51910 Classic Black
Upholstery: Ultra-Arctic (244)
Countertop: Corian Granola (494)
Cabinets: Summer Apple (419)

Workflow F
Flooring: Armstrong® 12" x 12" VCT tile 51910 Classic Black
Upholstery: Florence (250)
Countertop: Corian Canyon (415)
Cabinets: Dark (metallic) (424)

Workflow G
Flooring: Armstrong® 12" x 12" VCT tile 57211 Mezzo Green
Upholstery: Ultra-Olivine (243)
Countertop: Laminate Green Tigris (488)-60
Cabinets: Pebble Grey with Tea Green inserts (216)

Workflow H
Flooring: Armstrong® 12" x 12" VCT tile 52154 Leaf Green
Upholstery: Ultra-Raven Wing Black (228)
Countertop: Corian Sonora (494)
Cabinets: Dark Walnut (421)

Workflow I
Flooring: Armstrong® 12" x 12" LP003 Cocoa Brown
Upholstery: Ultra-Canyon (246)
Countertop: Laminate Oxide (178)-60
Cabinets: Gold Anigre (424)
in intuitive EMR access
reimbursement and regulatory standards
improved clinical outcomes
safe patient handling
digital device workflow
time and cost savings
access data at the point of care

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