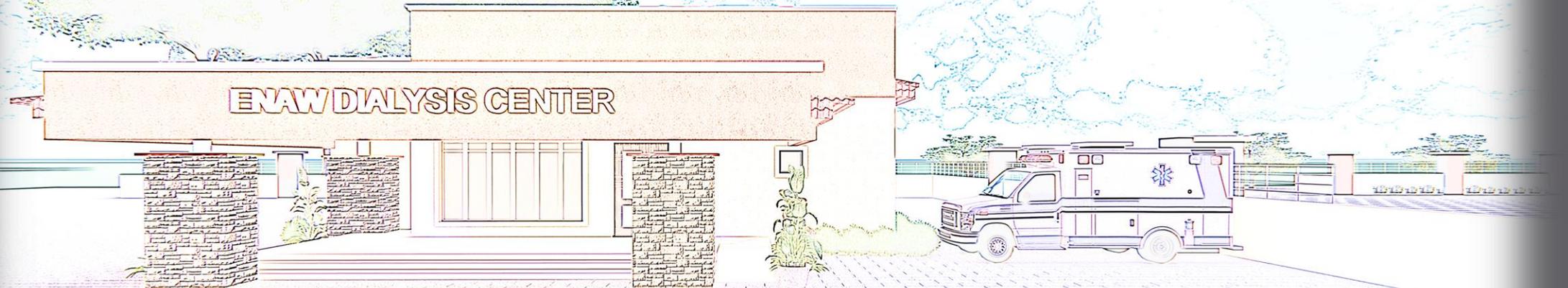


ENAW DIALYSIS CENTER

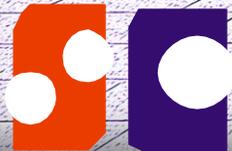


Lagos Office:

95, Ogudu Road,
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Tel: 234 805 444 5454

Benin Office:

6, Princess Ighiwiyisi Ewaka Street,
Off Airport Road, Benin City



Starzs Consultants



Preface

This design presentation is for ENAW DIALYSIS CENTER located in Benin City, Edo State. This design is in response to the project viability on urgent needs for medical centre focus in dialysis treatment.



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Benin City



The Enaw dialysis center approach view consist of a large corridor, ramps for easy circulation and movement of patient into the center in need of medical attention

IEWS



SOUTH WEST VIEW



APPROACH VIEW



SOUTH EAST VIEW

DIALYSIS SPATIAL REQUIREMENTS

SPATIAL REQUIREMENTS

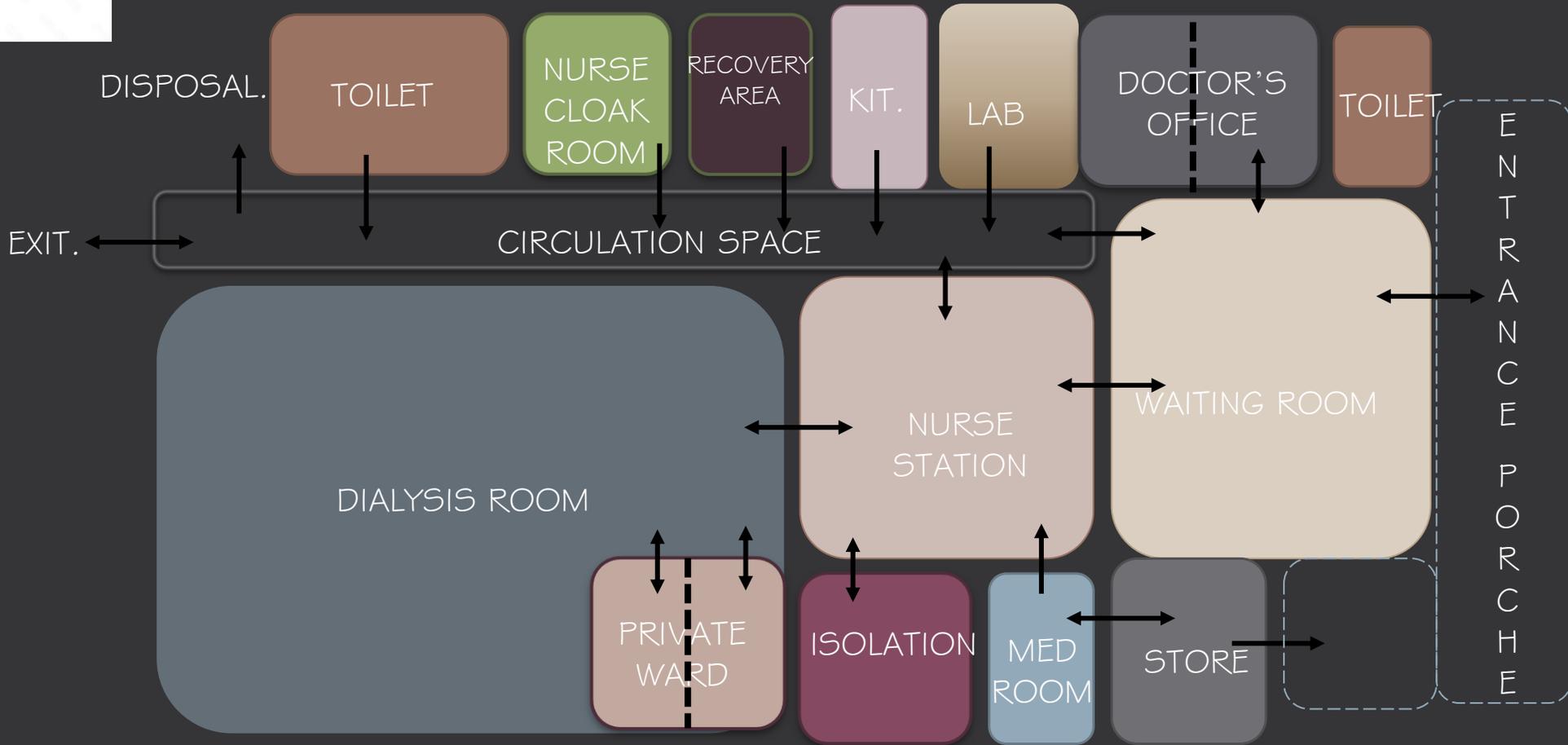


Diagram showing functional relationship of the Enaw Dialysis center



BRIEF DESIGN

The Enaw dialysis center consist of spaces such as the

- Entrance porch
- Dialysis room with VIP ward (16 patients)
- Isolation Ward
- Nurse station
- Doctor's Room
- Recovery Room
- Laboratory
- Nurse cloak room
- Rest area



DESIGN OBJECTIVES

The Enaw dialysis center **help people with kidney disease or kidney failure** by offering: Chronic Kidney Disease (Renal Failure) Clinic, where a dedicated team of providers work together to provide comprehensive care to people with kidney disorders





Design goals

The Enaw dialysis center has the capacity to cater to 14 patients having a centralized Nurse Station to attend to the patients, and a general nurse station overlooking both the isolation ward and general ward, inclusive of 2 VIP wards and Isolated Dialysis room. The center caters to a general number of 16 patients in total. The Doctor's room positioned opposite the waiting area brings ease to patients for easy consultations.

It also has provided facilities for recovery/ rest area for patients that have gone through dialysis, a kitchenette for both staff and patient use.

We have also provided a high equipped laboratory at the center. This will help minimize waiting time for laboratory blood works and results for waiting patients.

Design Considerations

To actualize the design of Enaw dialysis center, different consideration were put into place such as:

- **Patient Consideration:** Provision of General wards, Isolation room and 2VIP rooms for individual patient's privacy. We also provide a recovery/rest area with a flexibility in spatial functions for patients and staff
- **Staff and Technical Needs:** The Staffs needs were catered for in space allocation in the Centre. Cloak room, toilets, Rest Areas and dining kitchenette were provided for their use
- **Circulation space:** Circulation is always an important factor in designing a medical facility like this. Entrance and exits along with the number of people using the facility were considered in their locations with emergency exit in mind.
- **Lighting:** Light and color affect an individual's perception of space. We achieved this with the provisions of large windows and bright colors of interior spaces and lightings.



PLAN LAYOUT



TYPICAL LAYOUT

- 0 ENTRANCE PORCH - 35.06 SQM
- 1 DIALYSIS ROOM - 130.5 SQM
- a VIP WARD
- 2 NURSE STATION - 50.15 SQM
- 3 WAITING//INFO DESK - 53.87 SQM
- 4 ISOLATION WARD - 13.95 SQM
- 5 MED ROOM - 9.42 SQM
- 6 STORE - 12.4 SQM
- 7 LOBBY - 35.62 SQM
- 8 DOCTOR ROOM - 19.33 SQM
- 9 LABORATORY - 11.35 SQM
- 10 KITCHENETTE - 9.82 SQM
- 11 RECOVERY ROOM - 11.32 SQM
- 12 NURSE CLOAK ROOM - 9.06 SQM
- 13 W.C. - 27.9 SQM

PLAN LAYOUT

TYPICAL LAYOUT



0	ENTRANCE PORCH - 35.06SQM
1	DIALYSIS ROOM - 130.5 SQM
a	VIP WARD
2	NURSE STATION - 50.1SQM
3	WAITING//INFO DESK - 53.87SQM
4	ISOLATION WARD - 13.9SQM
5	MED ROOM - 9.42SQM
6	STORE - 12.4 SQM
7	LOBBY - 35.62 SQM
8	DOCTOR ROOM - 19.3SQM
9	LABORATORY - 11.35SQM
10	KITCHENETTE - 9.82SQM
11	RECOVERY ROOM - 11.32SQM
12	NURSE CLOAK ROOM - 9.06 SQM
13	W.C - 27.9 SQM

SECTIONAL 3D



TYPICAL LAYOUT

0	ENTRANCE PORCH -35.06SQM
1	DIALYSIS ROOM- 130.5 SQM
a	VIP WARD
2	NURSESTATION- 50.1SQM
3	WAITING//INFO DESK-53.87SQM
4	ISOLATION WARD- 13.9SQM
5	MED ROOM-9.42SQM
6	STORE- 12.4 SQM
7	LOBBY-35.62 SQM
8	DOCTOR ROOM- 19.3SQM
9	LABORATORY- 11.35SQM
10	KITCHENETTE- 9.82SQM
11	RECOVERY ROOM- 11.32SQM
12	NURSE CLOAK ROOM- 9.06 SQM
13	W.C- 27.9 SQM

3D PLAN LAYOUT



TYPICAL LAYOUT

0	ENTRANCE PORCH - 35.06SQM
1	DIALYSIS ROOM- 130.5 SQM
a	VIP WARD
2	NURSESTATION- 50.1SQM
3	WAITING//INFO DESK-53.87SQM
4	ISOLATION WARD- 13.9SQM
5	MED ROOM-9.42SQM
6	STORE- 12.4 SQM
7	LOBBY-35.62 SQM
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10	KITCHENETTE- 9.82SQM
11	RECOVERY ROOM- 11.32SQM
12	NURSE CLOAK ROOM- 9.06 SQM
13	W.C- 27.9 SQM



TYPICAL LAYOUT

1 DIALYSIS ROOM- 130.5 SQM

2 NURSESTATION- 50.1SQM

4 ISOLATION WARD- 13.9SQM

3D INTERIOR

TYPICAL LAYOUT



1

DIALYSIS ROOM- 130.5 SQM

7

LOBBY-35.62 SQM

10

KITCHENETTE- 9.82SQM

11

RECOVERY ROOM- 11.32SQM

12

NURSE CLOAK ROOM- 9.06 SQM

13

W.C- 27.9 SQM



TYPICAL LAYOUT

2 NURSESTATION- 50.1SQM

3 WAITING//INFO DESK-53.87SQM

4 ISOLATION WARD- 13.9SQM

7 LOBBY-35.62 SQM

9 LABORATORY- 11.35SQM

10 KITCHENETTE- 9.82SQM

11 RECOVERY ROOM- 11.32SQM

3D INTERIOR

TYPICAL LAYOUT



2

NURSESTATION- 50.1SQM

3

WAITING//INFO DESK-53.87SQM

5

MED ROOM-9.42SQM

6

STORE-12.4SQM

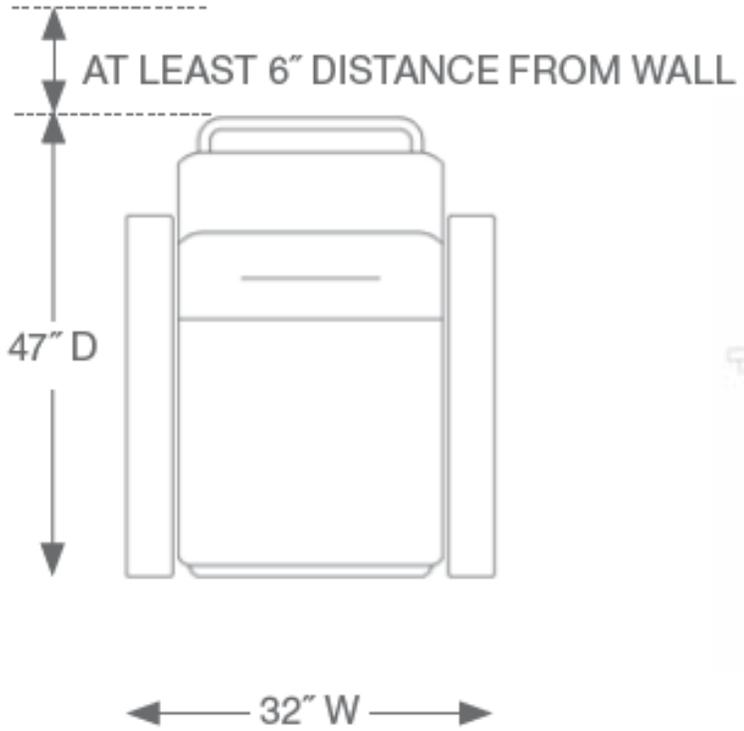
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DOCTOR ROOM- 19.3SQM

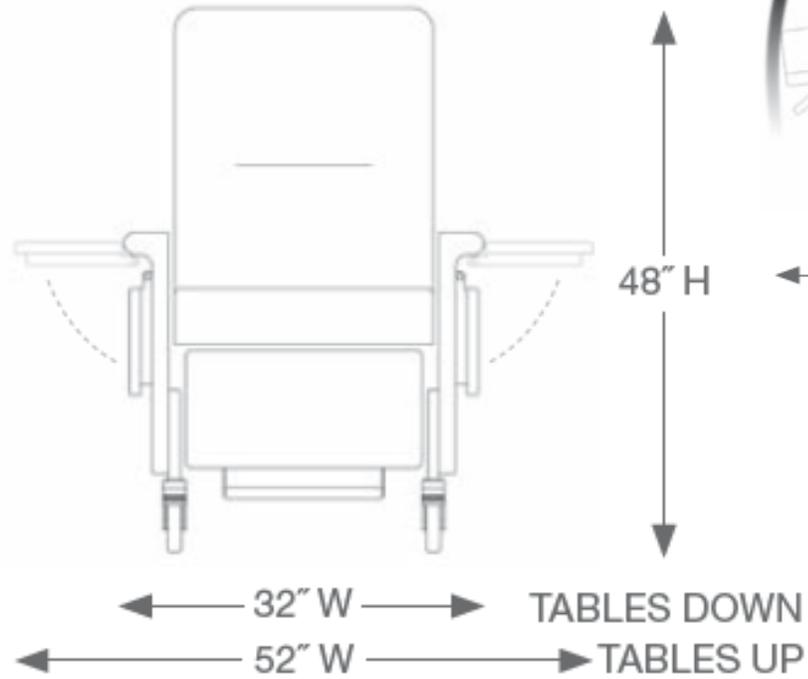
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KITCHENETTE- 9.82 SQM

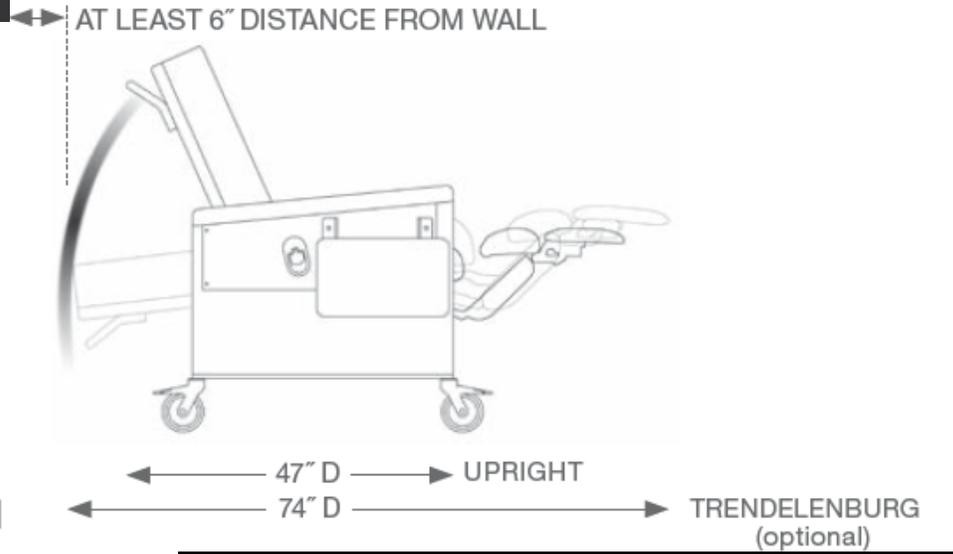
TOP VIEW



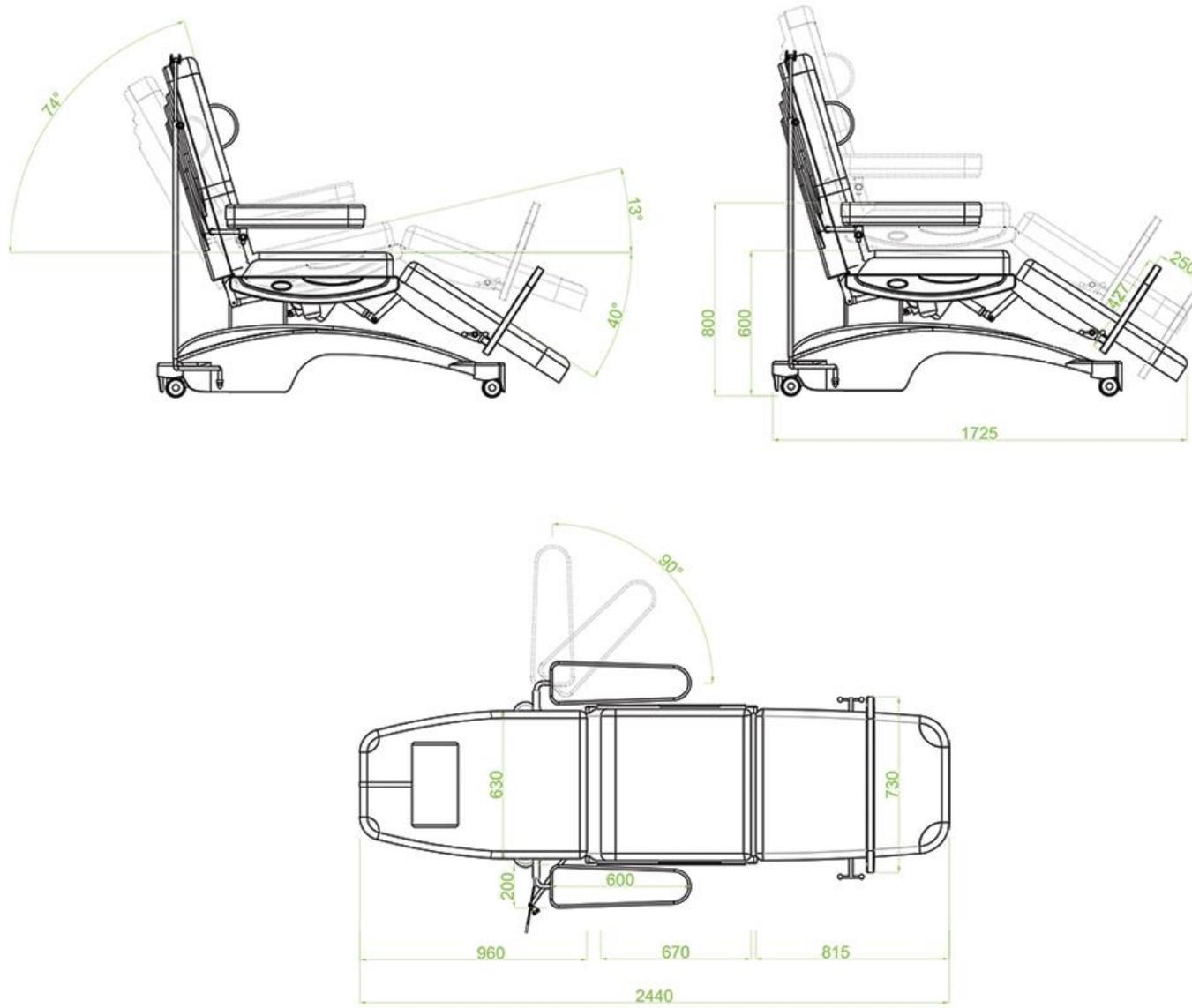
FRONT VIEW



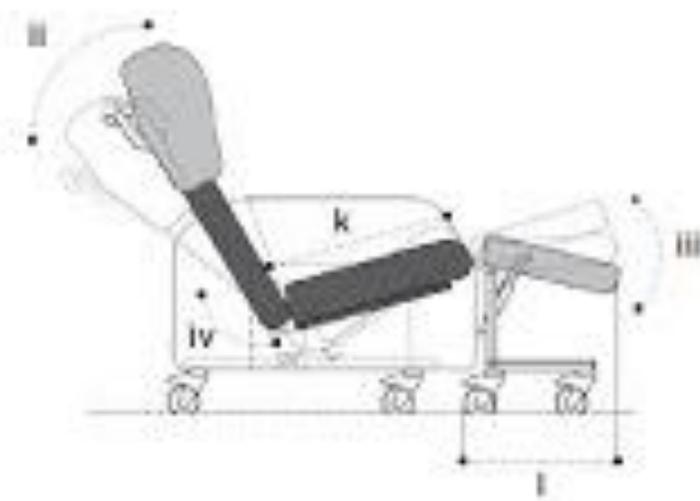
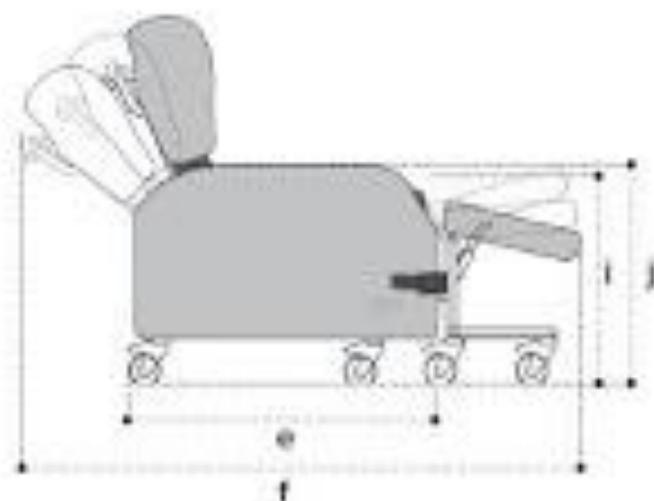
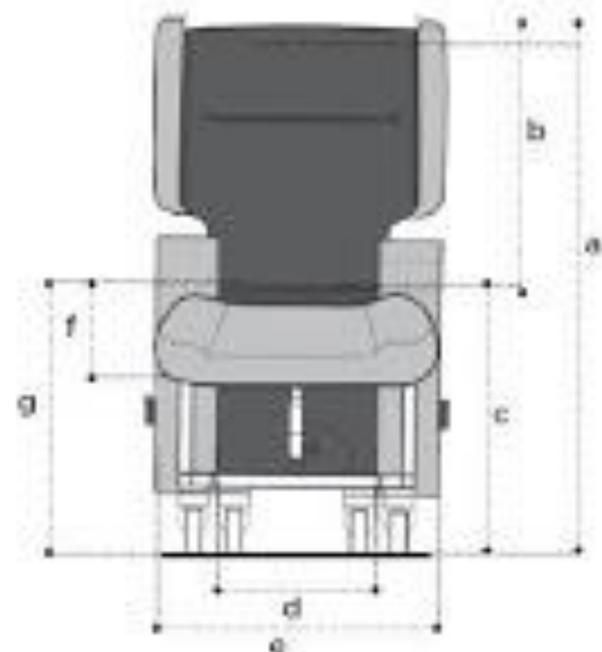
SIDE VIEW



Option 2



DIMENSIONS:



Dimensions

a	Hauteur total du fauteuil	1135mm
b	Hauteur du dossier	750mm
c	Hauteur assise	540mm
d	Largeur interieur du dossier	505mm
e	Longueur totale	900mm
f	Longueur inclinée	1730mm

Dimensions assise et largeurs fauteuil

g	largeure assise	h	largeur fauteuil
	380mm		715mm
	450mm		715mm
	500mm		715mm
	550mm		815mm
	600mm		815mm

Hauteurs accoudoirs disponibles

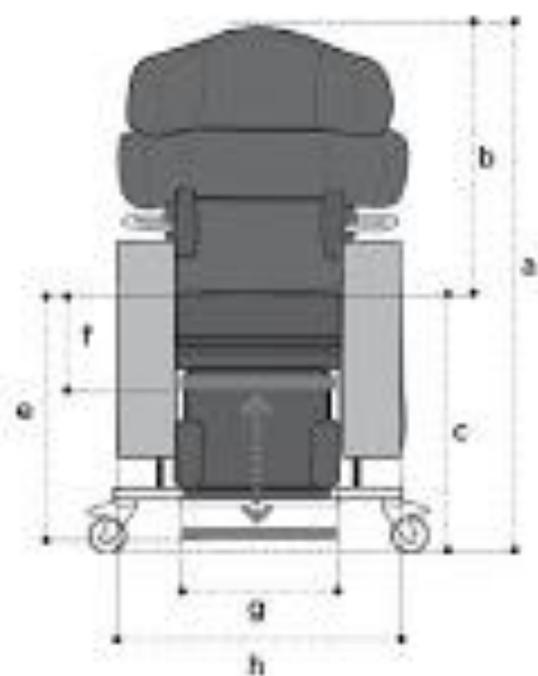
i	Bas	630mm
j	Medium	660mm

k	Profondeur assise	480mm
l	Longueur repose jambes	420mm

Inclinaison

ii	inclinaison dossier	110°-140°
iii	inclinaison repose jambes	75°-107°
iv	inclinaison dossier et assise intégrée	54°-74°

DIMENSIONS:



Dimensions

a	Hauteur total du fauteuil	1400mm
b	Hauteur du dossier	850mm
c	Hauteur assise - sol	600mm
d	Longueur totale	1300mm

Reglage de la hauteur du plateau pieds

e	Haut	330mm from seat
f	Bas	524mm from seat

Dimensions assise et largeurs fauteuil

g largeur assise	h largeur fauteuil
350mm	665mm
400mm	665mm
450mm	715mm
500mm	765mm
550mm	815mm
600mm	865mm

Hauteurs accoudoirs

i	Bas	715mm
j	Medium	740mm
k	Haut	765mm

Inclinaison

ii	inclinaison dossier	90°-130°
iii	inclinaison repose jambes	90°-125°
iv	inclinaison assise	5°-35°



THANK YOU!