


Study Master Design

Created by Maximilian Rupp, last modified by Anmol Limbu on Apr 28, 2020

Ideation Background

The goal of this ideation exercise is to maintain a potential study in an efficient and easy to use way.

As a Trial Manager I want to assign treatments to treatment group + treatment period combination so that I can later on plan my demand accordingly.

 **Early Draft**
This is an early draft and outcome of our first round of internal ideation. Please keep in mind that the screens illustrate a study in a simplified way.

Potential Screenflow

1. Treatment Group Definition

Study Structure

Treatment Group Definition

Treatment Schedule

Treatment Assignment

Treatment Groups (4)

Copy

Add

Delete

Search

<input type="checkbox"/> Treatment Group ID	Treatment Group Description	Patient Ratio	Overage	Cohort	Shift	Shift Unit
<input type="checkbox"/> TG04	Placebo (active 0mg double blind)	1				Day
<input type="checkbox"/> TG03	Low dosage (active 100mg double blind)	1				Day
<input type="checkbox"/> TG02	Medium dosage (active 200mg double blind)	1				Day
<input type="checkbox"/> TG01	High dosage (active 400mg double blind)	1	10%			Day

Site Events

Add Date

Add

Delete

Search

Materials (15)

<input type="checkbox"/> Material ID	Material Description	Country	Apr 12, 2020	May 31, 2020
<input type="checkbox"/> 1188	Active 0mg	Australia		
<input type="checkbox"/> 1189	Active 100mg	Australia		15
<input type="checkbox"/> 1190	Active 200mg	Australia		
<input type="checkbox"/> 1191	Active 0mg	Canada	13	
<input type="checkbox"/> 1192	Active 100mg	Canada		
<input type="checkbox"/> 1193	Active 200mg	Canada		
<input type="checkbox"/> 1188	Active 0mg	Germany		15
<input type="checkbox"/> 1189	Active 100mg	Germany		
<input type="checkbox"/> 1190	Active 200mg	Germany	13	
<input type="checkbox"/> 1188	Active 0mg	France		
<input type="checkbox"/> 1189	Active 100mg	France		
<input type="checkbox"/> 1190	Active 200mg	France		15
<input type="checkbox"/> 1191	Active 0mg	United States		

Draft saved

Save

Cancel

2. Treatment Schedule

Study Structure

Treatment Group Definition

Treatment Schedule

Treatment Assignment

Treatment Schedule

Months

Assign Treatment Group

Add Schedule

Add Period

< Today > 2020

Schedule

Month 1

Month 2

Month 3

Month 4

Month 5

Month 6

Month 7

Treatment Group

Treatment Group 1

Treatment Group 2

Treatment Group 4

Schedule 1

Prescreening

Period 1

Period 2

Period 3

Period 4

Treatment Group 1

Treatment Group 2

Schedule 3

Prescreening

Period 1

Treatment Group 4

Site Events

Materials (15)

Add Date

Add

Delete

Search

Q

⚙

Material ID

Material Description

Country

Apr 12, 2020

May 31, 2020

1188

Active 0mg

Australia

1189

Active 100mg

Australia

15

1190

Active 200mg

Australia

1191

Active 0mg

Canada

13

1192

Active 100mg

Canada

1193

Active 200mg

Canada

1188

Active 0mg

Germany

15

1189

Active 100mg

Germany

1190

Active 200mg

Germany

13

Draft saved

Save

Cancel

3. Treatment Schedule (Schedule 1 Extended)

Study Structure

Treatment Group Definition

Treatment Schedule

Treatment Assignment

Treatment Schedule

Months

Assign Treatment Group

Add Schedule

Add Period

< Today > 2020

Schedule

Month 1

Month 2

Month 3

Month 4

Month 5

Month 6

Month 7

Treatment Group

Treatment Group 1

Treatment Group 2

Treatment Group 3

Treatment Group 4

Schedule 1

Prescreening

Period 1

Period 2

Period 3

Period 4

Treatment Group 1

Treatment Group 2

Schedule 2
(offset + 1 month)

Prescreening

Period 1

Period 2

Period 3

Period 4

Treatment Group 3

Schedule 3

Prescreening

Period 1

Treatment Group 4

Site Events

Materials (15)

Add Date

Add

Delete

Search

Q

⚙

Material ID

Material Description

Country

Apr 12, 2020

May 31, 2020

1188

Active 0mg

Australia

1189

Active 100mg

Australia

15

1190

Active 200mg

Australia

1191

Active 0mg

Canada

13

1192

Active 100mg

Canada

1193

Active 200mg

Canada

Draft saved

Save

Cancel

4. Period 4 Details Popover

Study Structure

Treatment Group Definition

Treatment Schedule

Treatment Assignment

Treatment Schedule

Months

Assign Treatment Group

Add Schedule

Add Period

< Today > 2020

Schedule

Month 1

Month 2

Month 3

Month 4

Month 5

Month 6

Month 7

Treatment Group

Schedule 1

Prescreening

Period 1

Period 2

Period 3

Period 4

Treatment Group 1

Treatment Group 2

Schedule 2

(offset + 1 month)

Prescreening

Period 1

Period 2

Period 3

Period 4

Treatment Group 3

Treatment Group 4

Schedule 3

Prescreening

Period 1

Treatment Group 4

Period 4

Period ID:

Period 4

Period Description:

Lorem ipsum dolor sit amet, Lorem ipsum dolor sit...

Interval:

2

Month(s)

Number of Repetitions:

6

Dosage:

1.00

Dosage Overage:

0.00

Save

Remove

Cancel

Site Events

Materials (15)

Material ID

Material Description

Country

Apr 12, 2020

May 31, 2020

1188

Active 0mg

Australia

1189

Active 100mg

Australia

15

1190

Active 200mg

Australia

1191

Active 0mg

Canada

13

1192

Active 100mg

Canada

1193

Active 200mg

Canada

Draft saved

Save

Cancel

5. Period 4 Details Updated Toast

Study Structure

Treatment Group Definition

Treatment Schedule

Treatment Assignment

Treatment Schedule

Months

Assign Treatment Group

Add Schedule

Add Period

< Today > 2020

Schedule

Month 1

Month 2

Month 3

Month 4

Month 5

Month 6

Month 7

Treatment Group

Schedule 1

Prescreening

Period 1

Period 2

Period 3

Period 4

Treatment Group 1

Treatment Group 2

Schedule 2

(offset + 1 month)

Prescreening

Period 1

Period 2

Period 3

Period 4

Treatment Group 3

Treatment Group 4

Schedule 3

Prescreening

Period 1

Treatment Group 4

Period 4 was saved

Site Events

Materials (15)

Material ID

Material Description

Country

Apr 12, 2020

May 31, 2020

1188

Active 0mg

Australia

1189

Active 100mg

Australia

15

1190

Active 200mg

Australia

1191

Active 0mg

Canada

13

1192

Active 100mg

Canada

1193

Active 200mg

Canada

Draft saved

Save

Cancel

6. Add New Period Message Box

Study Structure

Treatment Group Definition Treatment Schedule Treatment Assignment

Treatment Schedule

Months

Assign Treatment Group Add Schedule Add Period

< Today > 2020

Schedule

Schedule 1

Schedule 2 (offset + 1 month)

Schedule 3

Month 1

Month 6

Month 7

Period 4

Treatment Group

Treatment Group 1

Treatment Group 2

Treatment Group 3

Treatment Group 4

Site Events

Materials (15)

Material ID	Material Description	Country
1188	Active 0mg	Australia
1189	Active 100mg	Australia
1190	Active 200mg	Australia
1191	Active 0mg	Canada
1192	Active 100mg	Canada
1193	Active 200mg	Canada

13

Add Date Add Delete Search

Draft saved Save Cancel

Add Period

Period ID:
Period 5

Period Description:
Lorem ipsum dolor sit amet, Lorem ipsum dolor sit...

Interval:
1 Month(s)

Number of Repetitions:
1

Dosage:
1.00

Dosage Overage:
0.00

Assign to Schedule(s):
Select Schedule(s)

Save Cancel

7. Assign to (Schedule(s)) - Schedule 3 Selected

Study Structure

Treatment Group Definition Treatment Schedule Treatment Assignment

Treatment Schedule

Months

Assign Treatment Group Add Schedule Add Period

< Today > 2020

Schedule

Schedule 1

Schedule 2 (offset + 1 month)

Schedule 3

Month 1

Month 6

Month 7

Period 4

Treatment Group

Treatment Group 1

Treatment Group 2

Treatment Group 3

Treatment Group 4

Site Events

Materials (15)

Material ID	Material Description	Country
1188	Active 0mg	Australia
1189	Active 100mg	Australia
1190	Active 200mg	Australia
1191	Active 0mg	Canada
1192	Active 100mg	Canada
1193	Active 200mg	Canada

13

Add Date Add Delete Search

Draft saved Save Cancel

Add Period

Period ID:
Period 5

Period Description:
Lorem ipsum dolor sit amet, Lorem ipsum dolor sit...

Interval:
1 Month(s)

Number of Repetitions:
1

Dosage:
1.00

Dosage Overage:
0.00

Assign to Schedule(s):
Schedule 3 X

Save Cancel

8. Add New Period Successful

Study Structure

Treatment Group Definition

Treatment Schedule

Treatment Assignment

Treatment Schedule

Months

Assign Treatment Group

Add Schedule

Add Period

< Today > 2020

Schedule

Month 1

Month 2

Month 3

Month 4

Month 5

Month 6

Month 7

Treatment Group

Schedule 1

Prescreening

Period 1

Period 2

Period 3

Period 4

Treatment Group 1

Treatment Group 2

Schedule 2

(offset + 1 month)

Prescreening

Period 1

Period 2

Period 3

Period 4

Treatment Group 3

Schedule 3

Prescreening

Period 1

Period 5

Treatment Group 4

Site Events

Materials (15)

Apr 12, 2020

Period 5 was added

Add Date

Add

Delete

Search

Material ID

Material Description

Country

1188

Active 0mg

Australia

1189

Active 100mg

Australia

1190

Active 200mg

Australia

1191

Active 0mg

Canada

1192

Active 100mg

Canada

1193

Active 200mg

Canada

Draft saved

Save

Cancel

9. Add New Schedule Message Box

Study Structure

Treatment Group Definition

Treatment Schedule

Treatment Assignment

Treatment Schedule

Months

Assign Treatment Group

Add Schedule

Add Period

< Today > 2020

Schedule

Month 1

Month 2

Month 3

Month 4

Month 5

Month 6

Month 7

Treatment Group

Schedule 1

Prescreening

Period

Treatment Group 1

Treatment Group 2

Schedule 2

(offset + 1 month)

Presc

Treatment Group 3

Schedule 3

Prescreening

Treatment Group 4

Site Events

Materials (15)

Apr 12, 2020

Add Date

Add

Delete

Search

Material ID

Material Description

Country

1188

Active 0mg

Australia

1189

Active 100mg

Australia

1190

Active 200mg

Australia

1191

Active 0mg

Canada

1192

Active 100mg

Canada

1193

Active 200mg

Canada

Draft saved

Save

Cancel

Add Schedule

Schedule ID:
Schedule 4

Schedule Description:
Lorem ipsum dolor sit amet, Lorem ipsum dolor sit...

Parent Schedule(s):
Select Schedule(s)

Offset From:
Select Offset From

Treatment Group(s):
Select Treatment Group(s)

Save

Cancel

10. Add New Schedule Message Box Setup

Study Structure

Treatment Group Definition Treatment Schedule Treatment Assignment

Treatment Schedule Months Assign Treatment Group Add Schedule Add Period

< Today > 2020

Schedule	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Treatment Group
Schedule 1	Prescreening	Period 1	Period 2	Period 3	Period 4			Treatment Group 1 Treatment Group 2
Schedule 2 (offset + 1 month)		Prescreening	Period 1	Period 2	Period 3	Period 4		Treatment Group 3
Schedule 3	Prescreening							Treatment Group 4

Site Events

Materials (15)

Material ID	Material Description	Country			
1188	Active 0mg	Australia			
1189	Active 100mg	Australia			15
1190	Active 200mg	Australia			
1191	Active 0mg	Canada		13	
1192	Active 100mg	Canada			
1193	Active 200mg	Canada			

Save Cancel

Draft saved Save Cancel

11. Add New Schedule Successful

Study Structure

Treatment Group Definition Treatment Schedule Treatment Assignment

Treatment Schedule Months Assign Treatment Group Add Schedule Add Period

< Today > 2020

Schedule	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Treatment Group
Schedule 1	Prescreening	Period 1	Period 2	Period 3	Period 4			Treatment Group 1 Treatment Group 2
Schedule 2 (offset + 1 month)		Prescreening	Period 1	Period 2	Period 3	Period 4		Treatment Group 3
Schedule 3	Prescreening	Period 1			Period 5			Treatment Group 4
Schedule 4 (offset + 2 months)		Prescreening	Period 1			Period 5		Treatment Group 5

Site Events

Materials (15)

Material ID	Material Description	Country	Apr 12, 2020	May 31, 2020	
1188	Active 0mg	Australia			
1189	Active 100mg	Australia		15	
1190	Active 200mg	Australia			

Schedule 4 was added

Add Date Add Delete Search

Draft saved Save Cancel

12. Treatment Assignment

Study Structure

Treatment Group Definition

Treatment Schedule

Treatment Assignment

Treatment Schedule

Months

Assign Treatment

< Today > 2020

Schedule

Month 1

Month 2

Month 3

Month 4

Month 5

Month 6

Month 7

Schedule 1

Schedule 2

(offset + 1 month)

Schedule 3

Schedule 2

(offset + 2 months)

Site Events

Materials (15)

Add Date

Add

Delete

Search

Material ID

Material Description

Country

Apr 12, 2020

May 31, 2020

1188

Active 0mg

Australia

1189

Active 100mg

Australia

15

1190

Active 200mg

Australia

Draft saved

Save

Cancel

13. Treatment Assignment (Selected)

Study Structure

Treatment Group Definition

Treatment Schedule

Treatment Assignment

Treatment Schedule

Months

Assign Treatment

< Today > 2020

Schedule

Month 1

Month 2

Month 3

Month 4

Month 5

Month 6

Month 7

Schedule 1

Schedule 2

(offset + 1 month)

Schedule 3

Schedule 2

(offset + 2 months)

Site Events

Materials (15)

Add Date

Add

Delete

Search

Material ID

Material Description

Country

Apr 12, 2020

May 31, 2020

1188

Active 0mg

Australia

1189

Active 100mg

Australia

15

1190

Active 200mg

Australia

Draft saved

Save

Cancel

14. Assign Treatment Message Box

Study Structure

Treatment Group Definition Treatment Schedule Treatment Assignment

Treatment Schedule Months Assign Treatment

< Today > 2020

Schedule	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7
Schedule 1	✓	✓	✓				
Schedule 2 (offset + 1 month)							
Schedule 3							
Schedule 2 (offset + 2 months)							

Assign Treatment(s)

Treatment(s):
Select Treatment(s)

Save Cancel

Site Events

Materials (15) Add Date Add Delete Search

Material ID	Material Description	Country	Apr 12, 2020	May 31, 2020
1188	Active 0mg	Australia		
1189	Active 100mg	Australia		15
1190	Active 200mg	Australia		

Draft saved Save Cancel

15. Assign Treatment Message Box - Treatment Selected

Study Structure

Treatment Group Definition Treatment Schedule Treatment Assignment

Treatment Schedule Months Assign Treatment

< Today > 2020

Schedule	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7
Schedule 1	✓	✓	✓				
Schedule 2 (offset + 1 month)							
Schedule 3							
Schedule 2 (offset + 2 months)							

Assign Treatment(s)

Treatment(s):
Treatment 01 ✕

Save Cancel

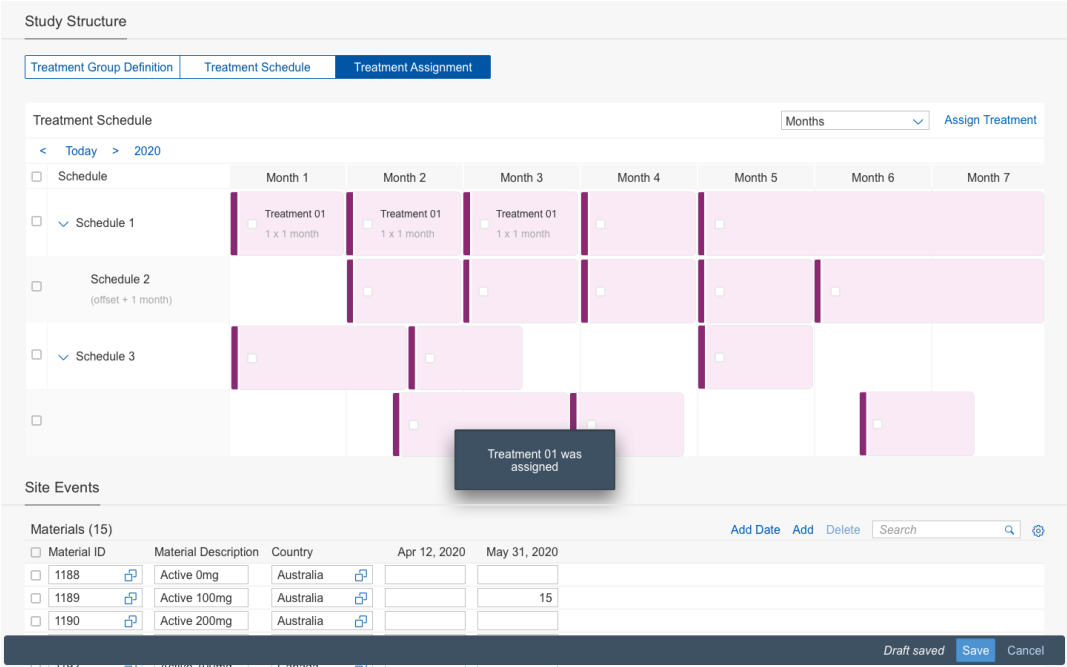
Site Events

Materials (15) Add Date Add Delete Search

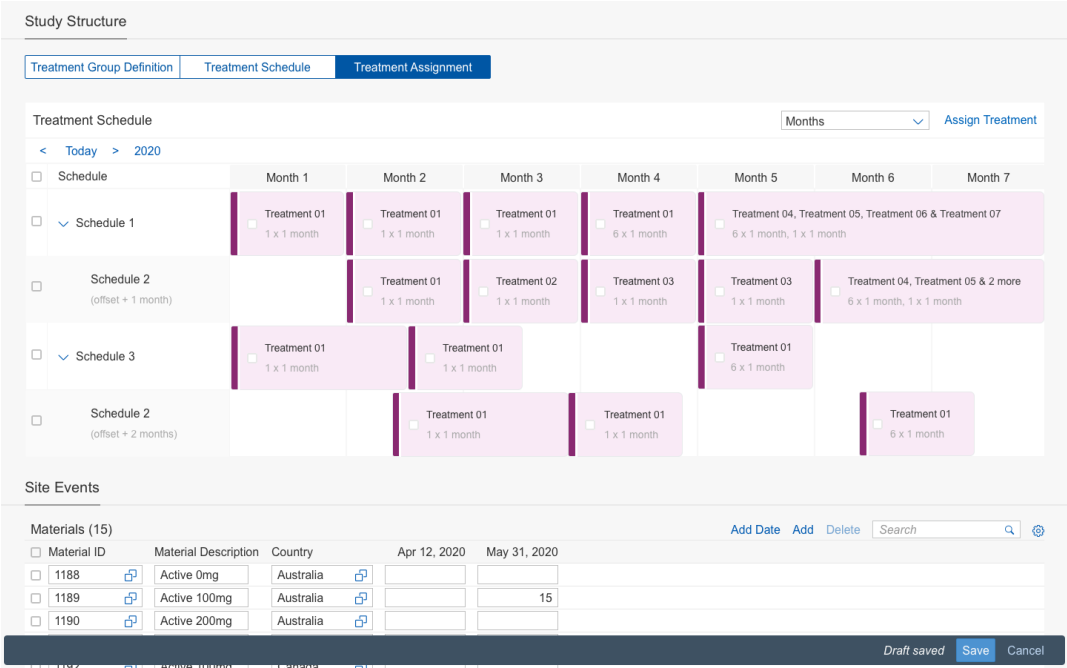
Material ID	Material Description	Country	Apr 12, 2020	May 31, 2020
1188	Active 0mg	Australia		
1189	Active 100mg	Australia		15
1190	Active 200mg	Australia		

Draft saved Save Cancel

16. Treatment Assignment - Month 1, 2 & 3 Treatments Assigned



17. Treatment Assignment - All Treatments Assigned



18. Treatment Assignment - Treatment Bar Popover

Study Structure

Treatment Group Definition

Treatment Schedule

Treatment Assignment

Treatment Schedule

Months

Assign Treatment

< Today > 2020

Schedule

Month 1

Month 2

Month 3

Month 4

Month 5

Month 6

Month 7

Schedule 1

Treatment 01
1 x 1 month

Treatment 01
1 x 1 month

Treatment 01
1 x 1 month

Treatment 01
6 x 1 month

Treatment 04, Treatment 05, Treatment 06 & Treatment 07
6 x 1 month, 1 x 1 month

Schedule 2
(offset + 1 month)

Treatment 01
1 x 1 month

Treatment 02
1 x 1 month

Treatment 03
1 x 1 month

Treatment 03
1 x 1 month

Treatment 04, Treatment 05 & 2 more
6 x 1 month, 1 x 1 month

Schedule 3

Treatment 01
1 x 1 month

Treatment 01
1 x 1 month

Treatment 01
6 x 1 month

Schedule 2
(offset + 2 months)

Treatment 01
1 x 1 month

Treatment 01
1 x 1 month

Treatment(s) Assigned

Treatment 04

Treatment 05

Treatment 06

Treatment 07

Site Events

Materials (15)

Add Date

Add

Delete

Search

Q

⚙

Material ID

Material Description

Country

Apr 12, 2020

May 31, 2020

1188

Active 0mg

Australia

1189

Active 100mg

Australia

15

1190

Active 200mg

Australia

Draft saved

Save

Cancel

19. Treatment Assignment (1 Week View)

Study Structure

Treatment Group Definition

Treatment Schedule

Treatment Assignment

Treatment Schedule

1 Week

Assign Treatment

< Today > 1 January 2020 - 7 January 2020

Schedule

Wed 1

Thu 2

Fri 3

Sat 4

Sun 5

Mon 6

Tue 7

Schedule 1

Treatment 01
1 x 1 month

Schedule 2
(offset + 1 month)

Schedule 3

Treatment 01
1 x 1 month

Schedule 2
(offset + 2 months)

Site Events

Materials (15)

Add Date

Add

Delete

Search

Q

⚙

Material ID

Material Description

Country

Apr 12, 2020

May 31, 2020

1188

Active 0mg

Australia

1189

Active 100mg

Australia

15

1190

Active 200mg

Australia

Draft saved

Save

Cancel

20. Treatment Assignment (Days View)

Study Structure

Treatment Group Definition Treatment Schedule Treatment Assignment

Treatment Schedule

Days Assign Treatment

< Today > 1 January 2020 - 14 January 2020

<input type="checkbox"/> Schedule	Wed 1	Thu 2	Fri 3	Sat 4	Sun 5	Mon 6	Tue 7	Wed 8	Thu 9	Fri 10	Sat 11	Sun 12	Mon 13	Tue 14
<input type="checkbox"/> <div>Schedule 1</div>	<div><input type="checkbox"/> Treatment 01 1 x 1 month</div>													
<input type="checkbox"/> <div>Schedule 2 (offset + 1 month)</div>														
<input type="checkbox"/> <div>Schedule 3</div>	<div><input type="checkbox"/> Treatment 01 1 x 1 month</div>													
<input type="checkbox"/> <div>Schedule 2 (offset + 2 months)</div>														

Site Events

Materials (15)

Add Date Add Delete Search

<input type="checkbox"/> Material ID	Material Description	Country	Apr 12, 2020	May 31, 2020
<input type="checkbox"/> 1188	Active 0mg	Australia		
<input type="checkbox"/> 1189	Active 100mg	Australia		15
<input type="checkbox"/> 1190	Active 200mg	Australia		

Draft saved Save Cancel

No labels