

# Synagis: Document Like a Vaccine, or Document Like an Injection?

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Version 21.3

## Overview

Synagis (palivizumab), the traditional seasonal monoclonal antibody against respiratory syncytial virus, is **not technically a vaccination**, being a passive immunization.

That said, it is vaccine-like in several ways:

- It provides passive immunity for an infectious disease.
- Infectious disease guidemaking bodies (e.g. ACIP, AAP) have issued recommendations for its use in infectious disease prevention.
- It has a CVX code, 93.

Immunization registries thus take various positions on whether Synagis should be reported to a state immunization registry.

Depending on whether your state wants Synagis reported to your state immunization registry, you have three options for documenting its administration in Office Practicum:

In this example, we will show **three ways of documenting administration of Synagis to an infant within OP**: Option A, Option B, and Option C.

- The first example will be the straightforward administration of 100 mg of Synagis from a single dose in a single injection.
- The second example will be more complicated: 138 mg of Synagis given. Typically, this would be delivered in two divided doses, an entire 100 mg vial and part of a 50 mg vial.

Each of Option A, B and C has pros and cons, which are summarized in the table at the end.

- [Option A: Document Synagis Like A Vaccine](#)
- [Option B: Document Synagis Like a Non-Vaccine Injectable](#)
- [Option C: Document Using A Template](#)
- [Table: What Option is Best for My Practice?](#)

## Option A: Document Synagis Like A Vaccine

### Example 1: 100 mg Dose

1. Enter a lot of Synagis into your **vaccine inventory**:

Vaccine Inventory Item Detail

Inventory name: RSV-MAB

Vaccine name: RSV-MAB

NDC ID: 60574411101

GTIN: 00312345678910

Manufacturer: ASTRA ZENECA

Lot number: 123456

Expiration date: 06/30/2024

Funding source:  Private  VFC/Public

VFC eligibility usage:

Practice location: Plateau Pediatrics PLC

Cost per dose: .00

Total doses in lot: 1

Doses used: 0

Last updated: 1/5/2024 12:00:59 PM

Notes: 100 mg rec'd for pt #1234

Borrowed status (+):  Created from VFC/Public stock  Reminder: private owes VFC/Public  
 Created from private stock  Reminder: VFC/Public owes private  
 n/a

Payback status:  Item was paid back  n/a  
 Item pays back a borrow

Date started using: 12/6/2023

Availability:  Inactive  Active  Retired

Retired date:

System-generated ID: 11150

Save Cancel

Vaccine Inventory

New Borrow or Payback

Print Grid  Print highlighted lot only

Print Lot #  Expand grid

Availability:  Active  Retired  Inactive  All

Show only borrowed lots (any availability) for [Start Using] dates that have not been [Paid Back]

1/25/2023 to 1/25/2024

ID	Inventory Name	Avail	Used	Total	Notes	Lot Number	Expiry Date	VFC/Public c Stk	VFC/Public Eligibility	Bor
Vaccine Name: MenB-4C_2Dose (Used:18, Total:40, Lots:4)										
Vaccine Name: PCV20 (Used:195, Total:380, Lots:4)										
Vaccine Name: PPV (Used:3, Total:20, Lots:2)										
Vaccine Name: RSV mAb nirsevimab, 0.5mL (Used:32, Total:49, Lots:3)										
Vaccine Name: RSV mAb nirsevimab, 1mL (Used:1, Total:10, Lots:1)										
Vaccine Name: RSV-MAB (Used, Total:1, Lots:1)										
11150	RSV-MAB	1	0	1	100 mg	123456	06/30/2024			n/a
Used: Total:1										

2. Choose from inventory to **administer**:

<p><b>PCV7</b></p> <p>Pneumococcal 7-valent Conjugate Prevnar® - PCV7</p>	<p><b>RotaVirus</b></p> <p>live, pentavalent RotaTeq® (RV5) CPT 90680 CVX 116</p>	<p><b>RSV IGIV</b></p> <p>RSV immune globulin (RespiGam®)</p>
<p><b>PCV13</b></p> <p>Pneumococcal 13-valent Conjugate Vaccine PREVNAR 13™ CPT 90670 CVX 133</p>	<p><b>RotaVirus 2 Dose</b></p> <p>live, monovalent Rotarix® (RV1) CPT 90681 CVX 119</p>	<p><b>RSV-MAB</b></p> <p>Palivizumab (Synagis®)</p>

-P Polio MMR/V HepB HIB HepA Flu FLU 18yrs+ **Infant** Teen/Adult Men Misc Inventory

3. Fill in the **administration details**, making sure the **Add vaccine to superbill** box is checked, and then save:

**Enter Vaccine Administration Information** [X]

**Warnings/Adverse Reactions:** No active medication allergies or reactions; No documented food/non-medication allergies

Date/time vaccinated: 12/6/2023 05:15 PM (vaccination date is passed to superbill)

Vaccine: RSV-MAB 11150  
 Manufacturer: ASZ Inventory Status: 0 used 5 total  
 Expiration date: 6/30/2024  
 Lot number: 123456

Body site: RT  
 Route of admin: IM Using VFC stock: NO  
 Patient VFC eligibility: NO

VIS title: [dropdown]  
 VIS publication date: [dropdown] Date VIS given: [dropdown]

Counseling/discussion: Need for vaccine, risks, benefits, potential side effects discussed with patient/family. Counseling performed where

Counseling provider: [dropdown]  No counseling provided  
 Vaccinator: SB  Add vaccine to superbill

[Save] [Cancel]

### Example 2: 138 mg Dose

Typically for a patient receiving between 100 mg and 150 mg, you'll receive two vials, a 100 mg vial and a 50 mg vial. These will need to be entered separately into your vaccine inventory.

1. First, enter into the 100 mg vial into your vaccine inventory:

**Vaccine Inventory Item Detail** [X]

Inventory name: RSV-MAB  
 Vaccine name: RSV-MAB  
 NDC ID: 60574411101  
 GTIN: 00312345678910  
 Manufacturer: ASTRA ZENECA  
 Lot number: 123456  
 Expiration date: 06/30/2024

Funding source:  Private  VFC/Public  
 VFC eligibility usage: [dropdown]  
 Practice location: Plateau Pediatrics PLC  
 Cost per dose: .00  
 Total doses in lot: 1  
 Doses used: 0  
 Last updated: 1/5/2024 12:00:59 PM

Notes: 100 mg rec'd for pt #1234

Borrowed status (-):  Created from VFC/Public stock  Reminder: private owes VFC/Public  
 Created from private stock  Reminder: VFC/Public owes private  
 n/a

Payback status:  Item was paid back  n/a  
 Item pays back a borrow

Date started using: 12/6/2023  
 Availability:  Inactive  Active  
 Retired  
 Retired date: [dropdown]  
 System-generated ID: 11150

[Save] [Cancel]

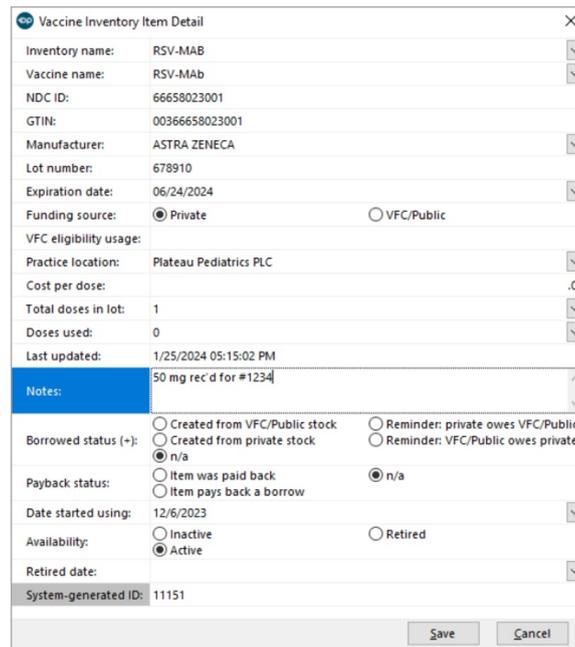
**Vaccine Inventory** [X]

New Borrow or Payback

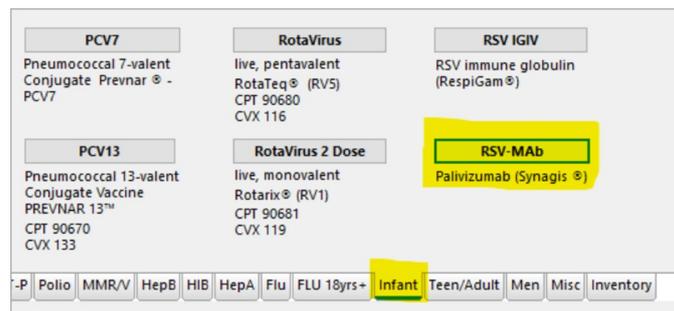
Print Grid  Print highlighted lot only Availability:  Active  Retired  Inactive  All  Show only borrowed lots (any availability for [Start Using] dates that have not been [Paid Back])  
 Expand grid 1/25/2023 to 1/25/2024

Vaccine Name	ID	Inventory Name	Avail	Used	Total	Notes	Lot Number	Expiry Date	VFC/Public c Stk	VFC/Public Eligibility	Bor
Vaccine Name : MenB-4C_2Dose (Used:18, Total:40, Lots:4)											
Vaccine Name : PCV20 (Used:195, Total:380, Lots:4)											
Vaccine Name : PPV (Used:3, Total:20, Lots:2)											
Vaccine Name : RSV mAb nirsevimab, 0.5mL (Used:32, Total:49, Lots:3)											
Vaccine Name : RSV mAb nirsevimab, 1mL (Used:1, Total:10, Lots:1)											
Vaccine Name : RSV-MAB (Used, Total:1, Lots:1)											
	11150	RSV-MAB	1	0	1	100 mg	123456	06/30/2024			n/a
			Used:	Total:1							

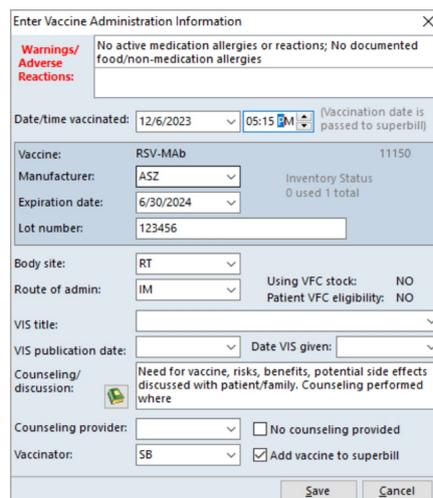
2. Second, enter the 50 mg vial into your **vaccine inventory**:



3. Once the vaccine has been administered, choose from **inventory** to document:



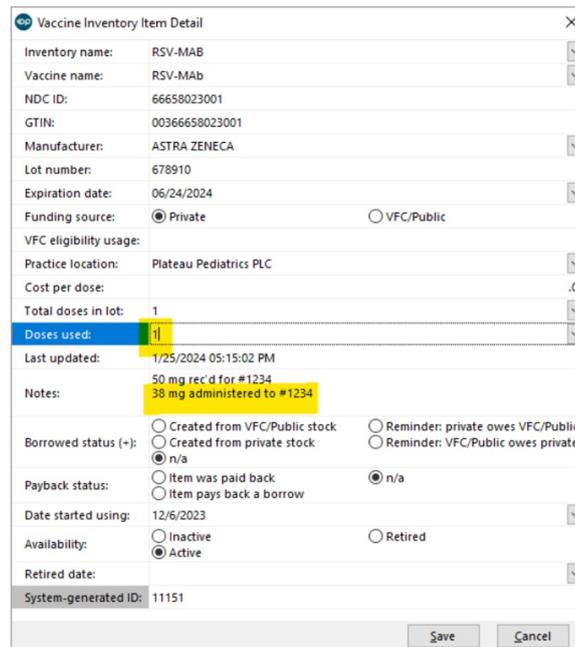
4. Fill in the **administration details** and **Save**:



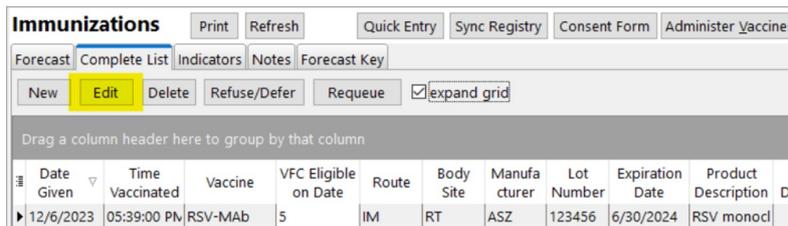
5. Because OP won't let you enter more than one dose into the vaccine inventory in a day, and the 100 mg lot number is different than the 50 mg lot number, the 50 mg vial will need to be deducted manually, like this:

- In the lot of 50 mg vials, increment the **Doses used** by 1,

- Then add a note in the **Notes** section:

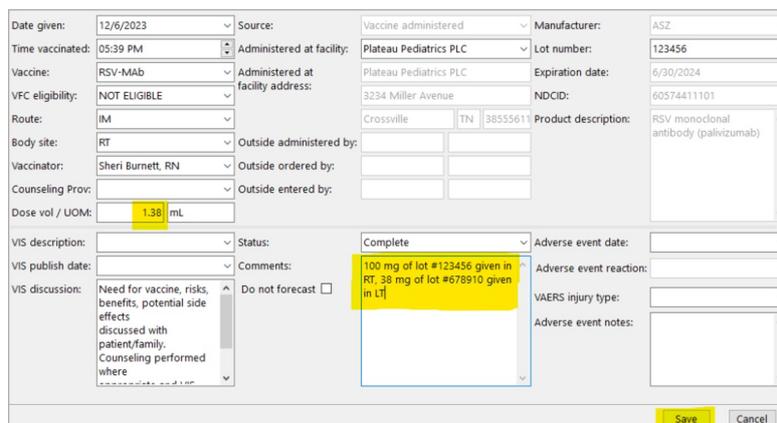


- Now go into the **chart** and **edit the dose** to reflect the correct dose and lot numbers given and document the administration sites:

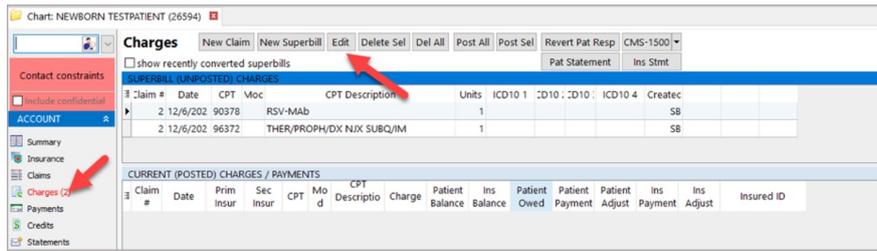


Date Given	Time Vaccinated	Vaccine	VFC Eligible on Date	Route	Body Site	Manufacturer	Lot Number	Expiration Date	Product Description
12/6/2023	05:39:00 PM	RSV-MAb	5	IM	RT	ASZ	123456	6/30/2024	RSV monoclonal

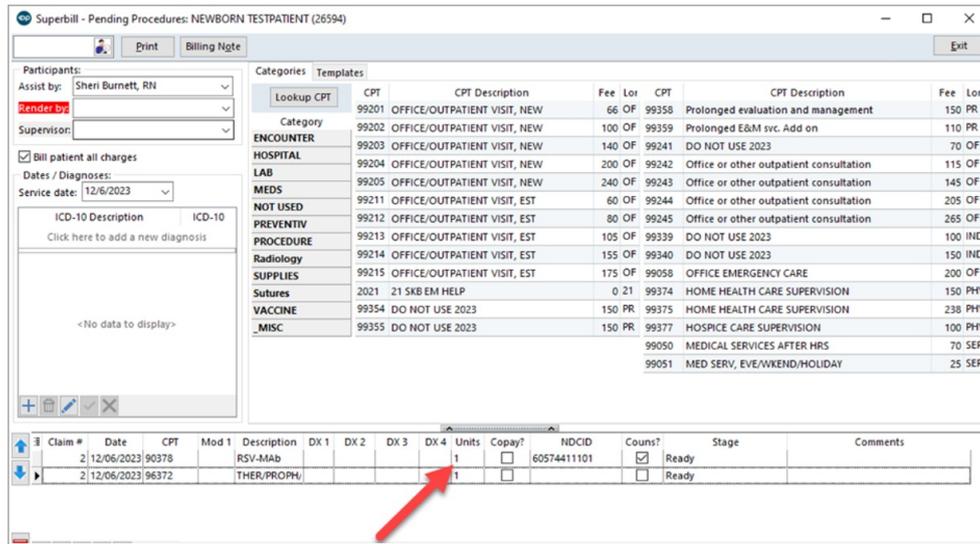
- Enter in the **correct volume (in mL)**.
  - Because it is over 1 mL, is separate lot numbers, and given in a divided dose, document that and body site in "comments" and save:



- Because you have "edited" the volume that was originally sent to the superbill when the vaccine was documented, your **superbill** will need to be adjusted:



9. Change the **number of units** from 1 to 3:



10. (Optional) Depending on your state registry requirements, you may need to let the registry know that both 100 mg and 50 mg vials were used and they may also need to manually decrement the 50 mg vial.

## Option B: Document Synagis Like a Non-Vaccine Injectable

### Example 1: 100 mg Dose

1. Open the **encounter note**, go to **Plan**, and use a pretemplated **Medicine given** label from Phrase Construction such as this:

**Plan:**

Medicine given:  
 Dose: ( mL)  
 Lot number:  
 Expiration date:  
 NDC number:  
 Site/route of administration:  
 Time of administration:  
 Administered by:

Patient observed 10-15 minutes afterwards with no ill effects.

2. Complete the **empty fields** as appropriate.
3. Then enter in the appropriate **diagnosis code**. Typically, Z29.11 is used:

ICD-10 Description	ICD-10
Enctr for prphylc immthter for resp syncytial virus (RSV)	Z29.11
Extreme immaturity of NB, gestatnl age 26 completed weeks	P07.25

4. Add in the appropriate **CPT codes** and **number of units given**

**Services and Procedures Coding**

Diagnostic/Procedure Codes | Coding Statistics | Time Details

E/M  Categories  Templates

**Tracked Time** [Learn More](#)

Pre-visit Preparation 0 minutes 0 seconds

Intra-visit Work 0 minutes 0 seconds

Post-visit Work 0 minutes 0 seconds

**Total Time 0 minutes**

Attested time:  minutes

Comments

CPT code suggestion: [Add Suggested Code](#)

**MDM** [Learn More](#)

Problems: Minimal

Data Review/Analysis: Minimal or None

Risk of Complications

MDM Summary: Straightforward

CPT code suggestion: **99212** [Details](#) [Add Suggested Code](#)

Visit type:  Estab  New pt

CPT Codes Add CPT Code:

CPT Code	Mod	CPT Description	Procedure Note	Units	DX 1
96372		THER/PROPH/DIAG INJ, SC/II		1	Z41.8
90378		RSV IG, IM, 50MG		2	Z41.8

### Example 2: 138 mg Dose

1. Open the **encounter note**, go to **Plan**, and use a pretemplated **Medicine given** label from Phrase Construction such as this:

**Plan:**

Medicine given:  
 Dose: ( mL)  
 Lot number:  
 Expiration date:  
 NDC number:  
 Site/route of administration:  
 Time of administration:  
 Administered by:

Patient observed 10-15 minutes afterwards with no ill effects.

2. Complete the **empty fields** as appropriate.
3. Then enter in the appropriate **diagnosis code**. Typically, Z29.11 is used:

**Diagnoses:**  Auto-calculate BMI code  Auto-create patient education [SUN](#)

ICD-10 Description	ICD-10
Enctr for prphylc immthtr for resp syncytial virus (RSV)	Z29.11
Extreme immaturity of NB, gestatnl age 26 completed weeks	P07.25

4. Add in the appropriate **CPT codes** and **number of units** given:

**Services and Procedures Coding**

Diagnostic/Procedure Codes | Coding Statistics | Time Details

E/M  Categories  Templates

**Tracked Time** [Learn More](#)

Pre-visit Preparation 0 minutes 0 seconds

Intra-visit Work 0 minutes 0 seconds

Post-visit Work 0 minutes 0 seconds

**Total Time 0 minutes**

Attested time:  minutes

Comments

CPT code suggestion: [Add Suggested Code](#)

**MDM** [Learn More](#)

Problems: Minimal

Data Review/Analysis: Minimal or None

Risk of Complications

MDM Summary: Straightforward

CPT code suggestion: **99212** [Details](#) [Add Suggested Code](#)

Visit type:  Estab  New pt

CPT Codes Add CPT Code:

CPT Code	Mod	CPT Description	Procedure Note	Units	DX 1
96372		THER/PROPH/DIAG INJ, SC/II		1	Z41.8
90378		RSV IG, IM, 50MG		3	Z41.8

### Option C: Document Using A Template

## Example 1: 100 mg Dose

1. Open a **new encounter** and choose the appropriate **template**:

All Templates:

**CC:**  Here for Synagis injection.

2. Leave the **Synagis encounter diagnosis (Z29.11)** already present in the template. Depending on your payer preference, you may also need to **add one** that explains why the child is getting Synagis, e.g. prematurity, congenital heart disease, etc:

**Diagnoses:**  Auto-calculate BMI code  Auto-create patient education 

ICD-10 Description	ICD-10
Extreme immaturity of NB, gestatnl age 26 completed weeks	P07.25
Enctr for prphylc immthtr for resp syncytial virus (RSV)	Z29.11

3. Fill in the reason in the **Assessment** tab:

**Assessment:**  Prematurity, gestational age of 26 weeks, needs Synagis.

4. Fill in the administration details in the **Plan** tab:

**Plan:** 

Synagis given according to protocol.  
 Milligrams given: |  
 Site:  
 Lot Number:  
 Expiration Date:  
 NDC Number:  
 Administered by:  
 Patient tolerated well. Return for next dose in 4 weeks.

5. **Save** the note. Billing for this method is similar to Option B.

## Example 2: 138 mg Dose

1. Open a **new encounter** and choose the appropriate **template**:

All Templates:

**CC:**  Here for Synagis injection.

2. Leave the **Synagis encounter diagnosis (Z29.11)** already present in the template. Depending on your payer preference, you may also need to **add one** that explains why the child is getting Synagis, e.g. prematurity, congenital heart disease, etc:

**Diagnoses:**  Auto-calculate BMI code  Auto-create patient education 

ICD-10 Description	ICD-10
Extreme immaturity of NB, gestatnl age 26 completed weeks	P07.25
Enctr for prphylc immthtr for resp syncytial virus (RSV)	Z29.11

3. Fill in the reason in the **Assessment** tab:

**Assessment:**  Prematurity, gestational age of 26 weeks, needs Synagis.

4. Fill in the administration details in the **Plan** tab:

**Plan:**

Synagis given according to protocol.  
 Milligrams given: |  
 Site:  
 Lot Number:  
 Expiration Date:  
 NDC Number:  
 Administered by:

Patient tolerated well. Return for next dose in 4 weeks.

5. **Save** the note. Billing for this method is similar to Option B.

### Table: What Option is Best for My Practice?

There may not be a "best" option for all practices. We encourage each practice to evaluate the pros and cons of each method, then use that method for all Synagis administrations going forward:

Option	Pros	Cons
<b>A: Document Synagis Like a Vaccine</b>	<ul style="list-style-type: none"> <li>Familiarity of charting because it's like charting a vaccine.</li> <li>Deducts from inventory and ties the lot to a particular patient.</li> </ul>	<ul style="list-style-type: none"> <li>Because Synagis is dosed by weight, and it comes in a 50 mg or 100 mg vial, it's difficult to chart this way.</li> <li>Edits will need to be made throughout the chart in all documentation bits, including billing.</li> <li>Because Synagis comes in single dose vials and is generally shipped to you one patient at a time, you must enter each shipment as a separate dose and lot number. Because there are multiple "open" lots simultaneously in the vaccine inventory, this leaves more room for error.</li> </ul>
<b>B: Document Synagis Like a Non-Vaccine Injectable</b>	<ul style="list-style-type: none"> <li>Easy to document.</li> <li>No edits required by clinical staff.</li> </ul>	<ul style="list-style-type: none"> <li>Practice needs to create/update Synagis encounter templates.</li> <li>Someone needs to review the documentation and add relevant billing parts, e.g. ICD-10 and CPT codes.</li> </ul>
<b>C: Document Using a Template</b>	<ul style="list-style-type: none"> <li>Easy to document.</li> <li>Billing is pre-templated to include CPT codes and relevant information.</li> <li>Less room for error because you're not making edits throughout the chart.</li> </ul>	<ul style="list-style-type: none"> <li>Because it's a template, you'll need to be mindful to make updates if needed, e.g. if billing codes change, etc.</li> </ul>