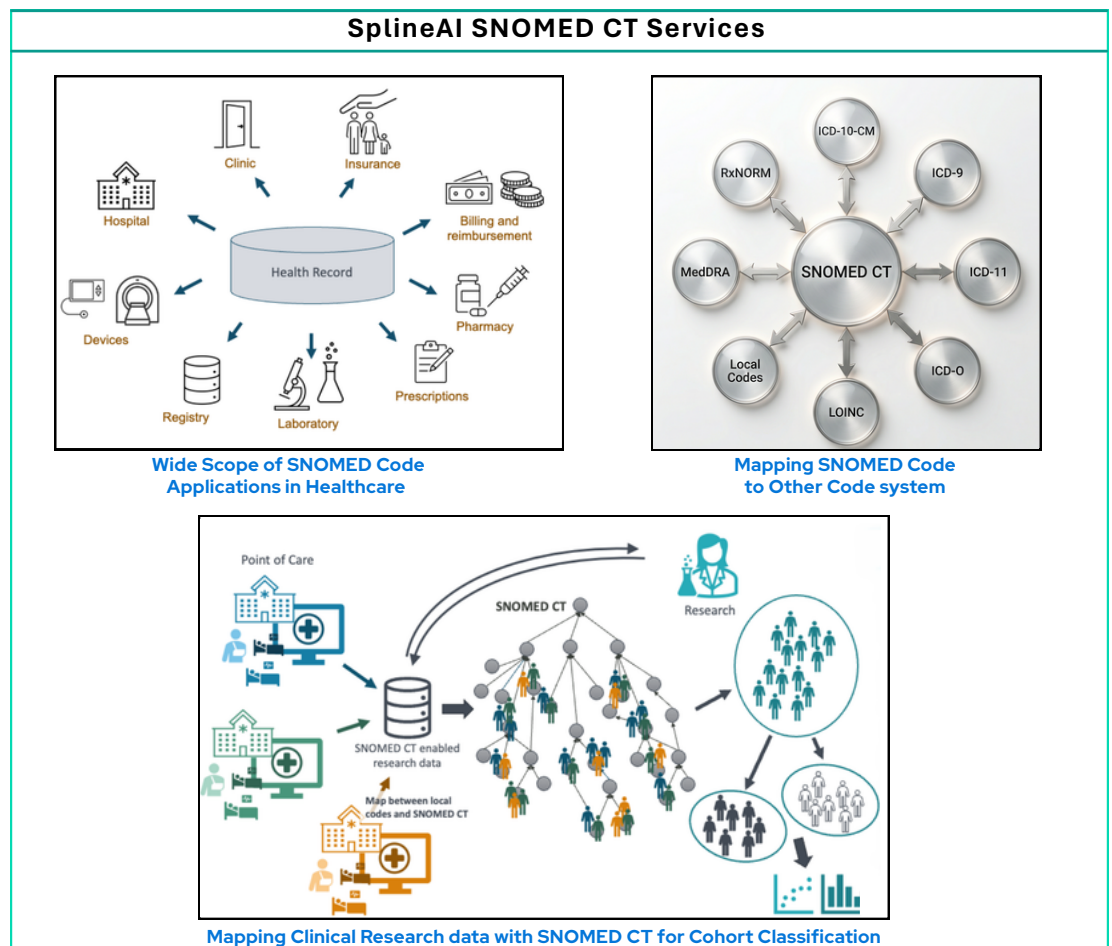
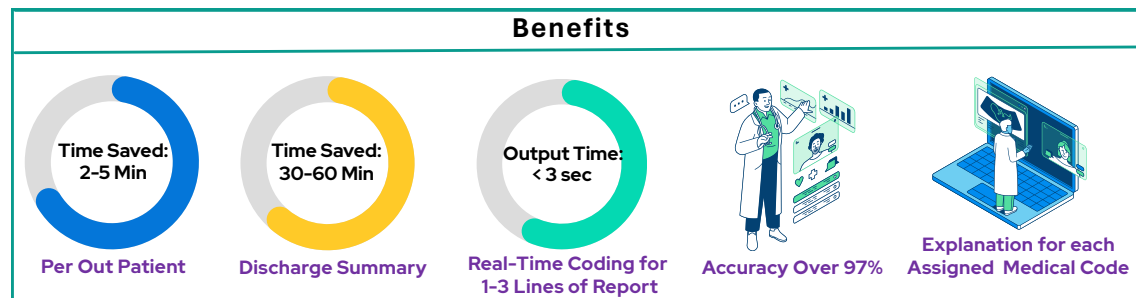
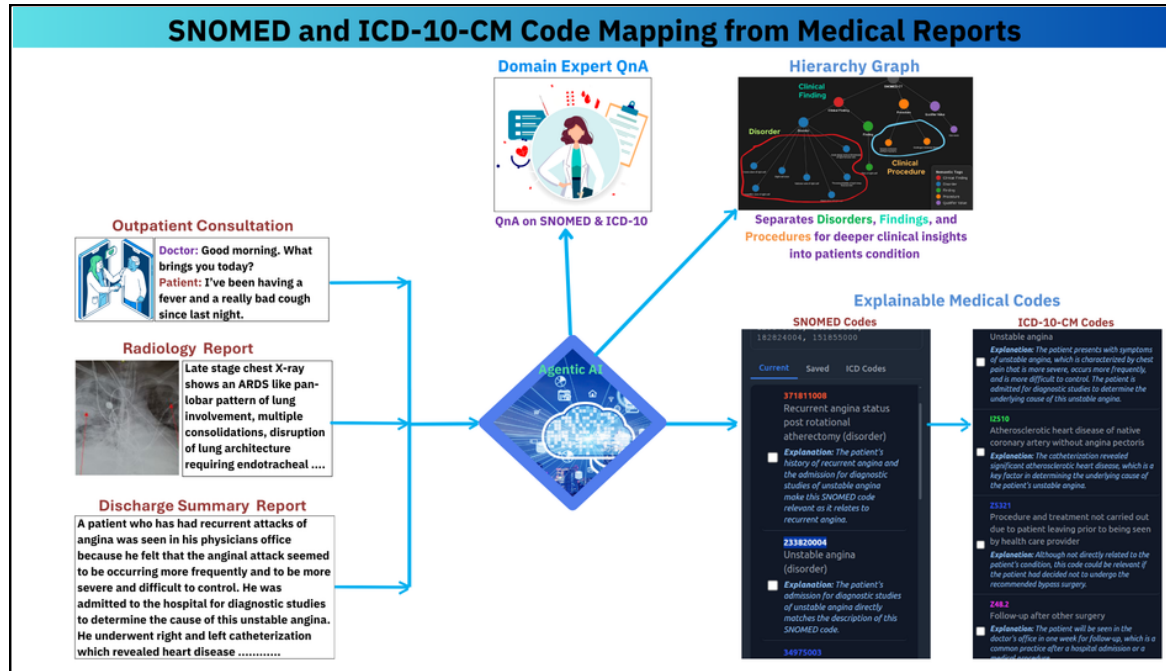


Product Overview

iSNOMED: AI copilot that reads medical reports to generate matching SNOMED CT concepts, ICD-10-CM codes, Explanations, and Hierarchical View of Clinical Records



SplineAI Generative AI Products and Services

- Accurate SNOMED & ICD-10-CM Code Mapping from Medical Report.
- Map other codes (RxNorm, MedDRA, ICD-11, ICD-O, LOINC) to SNOMED CT
- Convert Large Medical data corpus to SNOMED CT and other codes
- Cohort partitioning for Clinical Research data

Generative AI Tech Stack

- Vision and Reasoning LLMs: (Llama4, Qwen3, DeepSeek)
- On-Premise Server: NVIDIA Ada 6000, A100, Radeon PRO W7900
- Deployed as Azure Co-Pilot
- Fine-tuning with customers dataset

SplineAI Partnerships

- Azure Startup Partner
- IBM WatsonX Partner Plus
- Partnered with Meta
- Google Gen AI Partner
- Google FHIR API Partner.
- NVIDIA Inception Member
- AMD Gen AI Partnership.





SNOMED/ICD-10-CM Generation SAAS

SNOMED mapping service is accessible through Desktop application and secure API call to Azure Server. User login-ID/Password and **SAAS IP** address to be provided on request.

An example API call to SNOMED code generation server is here:

```
$curl -bcookies.txt -X POST https://199.199.199.199/api/analyze_report_text-H \
```

```
"Content-Type:application/json" -d '{ \
```

```
"medical_report": "Increasing fetal stress was noted during labor The patient was transferred to the surgical suite where a classic cesarean delivery was performed A full-term normal male was delivered at 38 weeks." }'
```

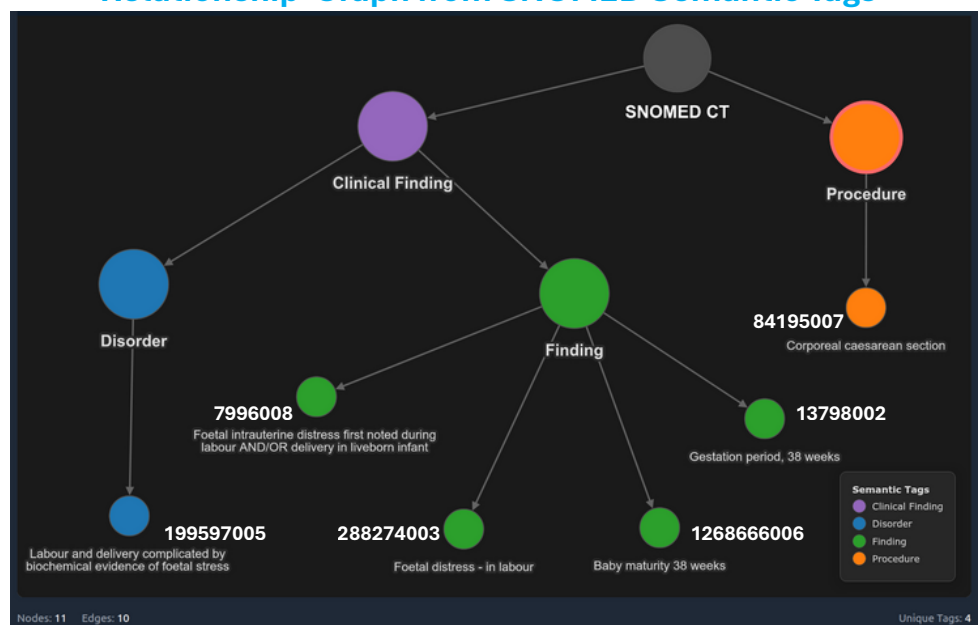
Generated SNOMED CT Code

SNOMED	Description	Explanation
7996008	Fetal intrauterine distress first noted during labor AND/OR delivery in liveborn infant	Fetal distress was identified during labor, which led to a cesarean delivery and the birth of a full-term male, supporting the context item without contradiction.
288274003	Fetal distress - in labor	The context item is consistent with the medical report as fetal distress during labor necessitated a cesarean delivery, and the report mentions increasing fetal stress during labor.
199597005	Labor and delivery complicated by biochemical evidence of fetal stress	Biochemical evidence of fetal stress during labor aligns with the medical report's mention of increasing fetal stress, supporting the context item's relevance.
84195007	Classical cesarean section	A classical cesarean section was performed due to fetal distress, aligning with the context item and the medical report's description of the delivery method.
1268666006	Term infant 38 weeks	The birth of a full-term male at 38 weeks supports the context item without contradiction, as it matches the gestational age mentioned in the medical report.
13798002	Gestation period, 38 weeks	The gestation period of 38 weeks is consistent with the medical report, supporting the context item's relevance to the full-term birth.

Generated ICD-10-CM Code

ICD-10	Description	Explanation
P84	Other problems with newborn	SNOMED 7996008 - Fetal intrauterine distress first noted during labor AND/OR delivery in liveborn infant
O77.1	Fetal stress in labor or delivery due to drug administration	SNOMED 288274003 - Fetal distress - in labor
O77.9	Labor and delivery complicated by fetal stress, unspecified	SNOMED 288274003 - Fetal distress - in labor
T48.OX5	Adverse effect of oxytocic drugs, episode of care unspecified	SNOMED 288274003 - Fetal distress - in labor
O77.8	Labor and delivery complicated by other evidence of fetal stress	SNOMED 199597005 - Labor and delivery complicated by biochemical evidence of fetal stress
Z38.2	Single liveborn infant, unspecified as to place of birth	SNOMED 1268666006 - Term infant 38 weeks
Z3A.38	38 weeks gestation of pregnancy	SNOMED 13798002 - Gestation period, 38 weeks

Relationship Graph from SNOMED Semantic Tags



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