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INTERFACE Patient;  
  
IMPORT Behandlung;  
  
TYPE T <: REFANY;  
  
PROCEDURE GetName(p: T): TEXT;  
  
PROCEDURE SetName(p: T; n: TEXT);  
  
PROCEDURE GetKrankenkasse(p: T): TEXT;  
  
PROCEDURE SetKrankenkasse(p: T; kk: TEXT);  
  
PROCEDURE AddBehandlung(p: T; behandl: Behandlung.T);  
  
PROCEDURE RemoveBehandlung(p: T);  
  
END Patient.
```

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MODULE Patient;

IMPORT Behandlung;

TYPE Laenge = [1..10];
    Behandlungsfeld = ARRAY Laenge OF Behandlung.T;

REVEAL T = BRANDED REF RECORD
    name: TEXT;
    krankenkasse: TEXT;
    behandlungen: Behandlungsfeld;
    index: Laenge := 1;
END;

PROCEDURE GetName(p: T): TEXT =
BEGIN
    RETURN (p^.name);
END GetName;

PROCEDURE SetName(p: T; n: TEXT) =
BEGIN
    p^.name := n;
END SetName;

PROCEDURE GetKrankenkasse(p: T): TEXT =
BEGIN
    RETURN (p^.krankenkasse);
END GetKrankenkasse;

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PROCEDURE SetKrankenkasse(p:T; kk: TEXT) =  
BEGIN  
    p^.krankenkasse := kk;  
END SetKrankenkasse;
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PROCEDURE AddBehandlung(p: T; behandlung:  
    Behandlung.T) =  
BEGIN  
    IF (p^.index <= 10) THEN  
        p^.behandlungen[p^.index] := behandlung;  
        p^.index := p^.index + 1;  
    END;  
END AddBehandlung;
```

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PROCEDURE RemoveBehandlung(p: T) =  
BEGIN  
    IF (p^.index > 1) THEN  
        p^.index := p^.index - 1;  
    END;  
END RemoveBehandlung;
```

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BEGIN  
END Patient.
```